



US-08-133-804-6  
; Sequence 6, Application US/08133804  
; Patent No. 5534254  
; GENERAL INFORMATION:  
; APPLICANT: Huston, James S.  
; APPLICANT: Oppermann, Hermann  
; APPLICANT: Houston, L. L.  
; APPLICANT: Ring, David B.  
; TITLE OF INVENTION: Biosynthetic Binding Proteins For  
; TITLE OF INVENTION: Imaging  
; NUMBER OF SEQUENCES: 11  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Testa, Hurwitz & Thibault/Patent Department  
; STREET: Exchange Place, 53 State Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/133,804  
; FILING DATE:  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kelley, Robin D.  
; REGISTRATION NUMBER: 34,637  
; REFERENCE/DOCKET NUMBER: 2054/22  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-248-7477  
; TELEFAX: 617-248-7100  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 243 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-08-133-804-6

Query Match 100.0%; Score 84; DB 1; Length 243;  
Best Local Similarity 100.0%; Pred. No. 1.4e-05;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DSATYFCARRFGPAY 15  
Db 90 DSATYFCARRFGPAY 104

RESULT 3  
US-08-461-838-6  
; Sequence 6, Application US/08461838  
; Patent No. 5753204  
; GENERAL INFORMATION:  
; APPLICANT: Huston, James S.  
; APPLICANT: Oppermann, Hermann  
; APPLICANT: Houston, L. L.  
; APPLICANT: Ring, David B.  
; TITLE OF INVENTION: Biosynthetic Binding Proteins For  
; TITLE OF INVENTION: Imaging  
; NUMBER OF SEQUENCES: 11  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Testa, Hurwitz & Thibault/Patent Department  
; STREET: Exchange Place, 53 State Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/461,386  
; FILING DATE:  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kelley, Robin D.  
; REGISTRATION NUMBER: 34,637  
; REFERENCE/DOCKET NUMBER: 2054/22  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-248-7477  
; TELEFAX: 617-248-7100  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 243 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-08-461-386-6

OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/461,838  
; FILING DATE:  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kelley, Robin D.  
; REGISTRATION NUMBER: 34,637  
; REFERENCE/DOCKET NUMBER: 2054/22  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-248-7477  
; TELEFAX: 617-248-7100  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 243 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-08-461-838-6

Query Match 100.0%; Score 84; DB 1; Length 243;  
Best Local Similarity 100.0%; Pred. No. 1.4e-05;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DSATYFCARRFGPAY 15  
Db 90 DSATYFCARRFGPAY 104

RESULT 4  
US-08-461-386-6  
; Sequence 6, Application US/08461386  
; Patent No. 5837845  
; GENERAL INFORMATION:  
; APPLICANT: Huston, James S.  
; APPLICANT: Oppermann, Hermann  
; APPLICANT: Houston, L. L.  
; APPLICANT: Ring, David B.  
; TITLE OF INVENTION: Biosynthetic Binding Proteins For  
; TITLE OF INVENTION: Imaging  
; NUMBER OF SEQUENCES: 11  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Testa, Hurwitz & Thibault/Patent Department  
; STREET: Exchange Place, 53 State Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: IBM PC compatible  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/461,386  
; FILING DATE:  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kelley, Robin D.  
; REGISTRATION NUMBER: 34,637  
; REFERENCE/DOCKET NUMBER: 2054/22  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-248-7477  
; TELEFAX: 617-248-7100  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 243 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-08-461-386-6

Query Match 100.0%; Score 84; DB 2; Length 243;  
Best Local Similarity 100.0%; Pred. No. 1.4e-05;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DSATYFCARRRGPAY 15  
|||  
Db 90 DSATYFCARRRGPAY 104

## RESULT 5

US-08-356-786-4  
; Sequence 4, Application US/08356786  
; Patent No. 5877305  
; GENERAL INFORMATION:  
; APPLICANT: Huston, James S.  
; APPLICANT: Oppermann, Hermann  
; APPLICANT: Houston, L. L.  
; APPLICANT: Ring, David B.  
; TITLE OF INVENTION: Biosynthetic Binding Protein for Cancer  
; TITLE OF INVENTION: Marker  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Edmund R. Pitcher, Teesta, Hurwitz, & Thibeault  
; STREET: Exchange Place, 53 State Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/356,786  
; FILING DATE:  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/831,967  
; FILING DATE: 06-FEB-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Pitcher, Edmund R.  
; REGISTRATION NUMBER: 27,829  
; REFERENCE/DOCKET NUMBER: CRP-053  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617) 248-7000  
; TELEFAX: (617) 248-7100  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 243 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-356-786-4

Query Match 100.0%; Score 84; DB 2; Length 243;  
Best Local Similarity 100.0%; Pred. No. 1.4e-05;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DSATYFCARRRGPAY 15  
|||  
Db 90 DSATYFCARRRGPAY 104

## RESULT 6

US-08-356-786-10  
; Sequence 10, Application US/08356786  
; Patent No. 5877305  
; GENERAL INFORMATION:  
; APPLICANT: Huston, James S.  
; APPLICANT: Oppermann, Hermann  
; APPLICANT: Houston, L. L.  
; APPLICANT: Ring, David B.

TITLE OF INVENTION: Biosynthetic Binding Protein for Cancer  
TITLE OF INVENTION: Marker  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Edmund R. Pitcher, Teesta, Hurwitz, & Thibeault  
STREET: Exchange Place, 53 State Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/356,786  
FILING DATE:  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/831,967  
FILING DATE: 06-FEB-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Pitcher, Edmund R.  
REGISTRATION NUMBER: 27,829  
REFERENCE/DOCKET NUMBER: CRP-053  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 248-7000  
TELEFAX: (617) 248-7100

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:  
LENGTH: 534 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-356-786-10

Query Match 100.0%; Score 84; DB 2; Length 534;  
Best Local Similarity 100.0%; Pred. No. 2.9e-05;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DSATYFCARRRGPAY 15  
|||  
Db 379 DSATYFCARRRGPAY 393

## RESULT 7

US-08-491-845-2  
; Sequence 2, Application US/08491845  
; Patent No. 5773247  
; GENERAL INFORMATION:  
; APPLICANT: MAEDA, Hiroaki  
; APPLICANT: KIMACHI, Kazuhiko  
; APPLICANT: EDA, Yasuyuki  
; APPLICANT: SHIOSAKI, Kouichi  
; APPLICANT: OSATOMI, Kiyoichi  
; APPLICANT: TOKIYOSHI, Sachio  
; TITLE OF INVENTION: RECOMBINANT ANTI-HIV ANTIBODY AND  
; TITLE OF INVENTION: PROCESS FOR PREPARING THE SAME  
; NUMBER OF SEQUENCES: 17  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Browdy and Neimark  
; STREET: 419 Seventh Street N.W. Ste. 300  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/491,845  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/JP93/00039  
FILING DATE: 14-JAN-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Browdy, Roger L.  
REGISTRATION NUMBER: 25,618  
REFERENCE/DOCKET NUMBER: MAEDA-5  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 628-5197  
TELEFAX: (202) 737-3528  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 119 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-491-845-2

Query Match 69.0%; Score 58; DB 1; Length 119;  
Best Local Similarity 57.9%; Pred. No. 0.071;  
Matches 11; Conservative 3; Mismatches 1; Indels 4; Gaps 1;

Qy 1 DSATYFCARRF---GFAY 15  
|:|||||:|:|  
Db 90 DSAVYFCAREYDYGGSFY 108

RESULT 8  
US-08-458-516-11  
Sequence 11, Application US/08458516  
Patent No. 577085  
GENERAL INFORMATION:  
APPLICANT: Co, Man Sung  
APPLICANT: Tso, J. Yun  
TITLE OF INVENTION: Humanized Antibodies Reactive with  
TITLE OF INVENTION: GPIIb/IIIa  
NUMBER OF SEQUENCES: 23  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: William M. Smith  
STREET: One Market Plaza, Steuart Tower, Suite 2000  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94105  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/458,516  
FILING DATE:  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/059,159  
FILING DATE: 03-MAY-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Smith, William M.  
REGISTRATION NUMBER: 30,223  
REFERENCE/DOCKET NUMBER: 11823-37-3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-326-2400  
TELEFAX: 415-326-2422  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 119 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
FRAGMENT TYPE: N-terminal fragment

US-08-458-516-11

Query Match 69.0%; Score 58; DB 1; Length 119;  
Best Local Similarity 68.4%; Pred. No. 0.071;  
Matches 13; Conservative 0; Mismatches 2; Indels 4; Gaps 1;

Qy 1 DSATYFCARRFG---FAY 15  
|||:|||||:|:|  
Db 90 DSAVYFCARRDGYGMFAY 108

RESULT 9  
US-08-737-560A-10  
Sequence 10, Application US/08737560A  
Patent No. 592893  
GENERAL INFORMATION:  
APPLICANT: KANG, Chang-Yu1  
APPLICANT: KIM, Joong-Gon  
TITLE OF INVENTION: MONOCLONAL ANTIBODY SPECIFIC FOR HUMAN  
TITLE OF INVENTION: 4-1BB AND CELL LINE PRODUCING SAME  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: KANG, Chang-Yu1  
STREET: Professor Apt. Ka-302, #244-2, Bongchun 7-dong,  
STREET: Kwanak-gu  
CITY: Seoul  
STATE: Seoul  
COUNTRY: Republic of Korea  
ZIP: 151-057  
ADDRESSEE: KIM, Joong-Gon  
STREET: Hanyang Apt. 72-1213, Apgu-jung-dong, Kangnam-gu  
CITY: Seoul  
STATE: Seoul  
COUNTRY: Republic of Korea  
ZIP: 135-110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5inch, 1.44MB storage  
COMPUTER: IBM PC/AT  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/737,560A  
FILING DATE: 13-NOV-1996  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: KR 95-8176  
FILING DATE: 08-APR-1995  
ATTORNEY/AGENT INFORMATION:  
NAME:  
REGISTRATION NUMBER:  
REFERENCE/DOCKET NUMBER:  
TELECOMMUNICATION INFORMATION:  
TELEPHONE:  
TELEFAX:  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 119 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
FEATURE:  
OTHER INFORMATION: 4B4-1-1 heavy chain variable region  
US-08-737-560A-10

Query Match 69.0%; Score 58; DB 2; Length 119;  
Best Local Similarity 63.2%; Pred. No. 0.071;  
Matches 12; Conservative 1; Mismatches 2; Indels 4; Gaps 1;

Qy 1 DSATYFCARRF---GFAY 15  
|||:|||||:|:|  
Db 90 DSAVYFCARSFTTARGFAY 108

RESULT 10  
US-08-458-516-7  
Sequence 7, Application US/08458516  
Patent No. 5777085  
GENERAL INFORMATION:  
APPLICANT: Co, Man Sung  
APPLICANT: Tso, J. Yun  
TITLE OF INVENTION: Humanized Antibodies Reactive with  
TITLE OF INVENTION: GRIIB/IIIA  
NUMBER OF SEQUENCES: 23  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: William M. Smith  
STREET: One Market Plaza, Stewart Tower, Suite 2000  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94105  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentln Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/458,516  
FILING DATE:  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/059,159  
FILING DATE: 03-MAY-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Smith, William M.  
REGISTRATION NUMBER: 30,223  
REFERENCE/DOCKET NUMBER: 11823-37-3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-326-2400  
TELEFAX: 415-326-2422  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 138 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-458-516-7

Query Match 69.0%; Score 58; DB 1; Length 138;  
Best Local Similarity 68.4%; Pred. No. 0.081;  
Matches 13; Conservative 0; Mismatches 2; Indels 4; Gaps 1;

QY 1 DSATYFCARRRG---FAY 15  
|||:|||||:|  
Db 109 DSATYFCARRDGNYGWY 127

RESULT 11  
US-09-419-788-115  
Sequence 115, Application US/09419788  
Patent No. 6825325  
GENERAL INFORMATION:  
APPLICANT: FISCHER, Rainer  
APPLICANT: SCHILLBERG, Stefan  
APPLICANT: NAHRING, Jorg  
APPLICANT: SACK, Markus  
APPLICANT: MONECKE, Michael  
APPLICANT: LIAO, Yu-Cai  
APPLICANT: SPIEGEL, Holger  
APPLICANT: ZIMMERMAN, Sabine  
APPLICANT: EMANS, Neil  
TITLE OF INVENTION: Molecular Pathogenicicid Mediated Plant Disease  
TITLE OF INVENTION: Resistance  
FILE REFERENCE: 0147-0189P  
CURRENT APPLICATION NUMBER: US/09/419,788  
CURRENT FILING DATE: 1999-10-18  
EARLIER APPLICATION NUMBER: 98 11 9630.6 EP

EARLIER FILING DATE: 1998-10-16  
EARLIER APPLICATION NUMBER: 66/BOM/1998 INDIA  
EARLIER FILING DATE: 1998-10-16  
NUMBER OF SEQ ID NOS: 163  
SOFTWARE: Patentln Ver. 2.1  
SEQ ID NO 115  
LENGTH: 259  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: synthetic, no  
OTHER INFORMATION: natural origin  
US-09-419-788-115

Query Match 69.0%; Score 58; DB 4; Length 259;  
Best Local Similarity 84.6%; Pred. No. 0.14;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 DSATYFCARRRGF 13  
|||:|||||:|  
Db 92 DSATYFCARRSGF 104

RESULT 12  
US-09-232-290-37  
Sequence 37, Application US/09232290A  
Patent No. 6815540  
GENERAL INFORMATION:  
APPLICANT: PLUCKTHUN, ANDREAS  
APPLICANT: NIEBA, LARS  
APPLICANT: HONEGGER, ANNEMARIE  
TITLE OF INVENTION: IMMUNOGLOBULIN SUPER FAMILY DOMAINS AND FRAGMENTS WITH  
TITLE OF INVENTION: INCREASED SOLUBILITY  
FILE REFERENCE: MORPHO/7  
CURRENT APPLICATION NUMBER: US/09/232,290A  
CURRENT FILING DATE: 1999-01-15  
EARLIER APPLICATION NUMBER: PCT/EP96/02230  
EARLIER FILING DATE: 1996-05-23  
NUMBER OF SEQ ID NOS: 60  
SOFTWARE: Patentln Ver. 2.0  
SEQ ID NO 37  
LENGTH: 119  
TYPE: PRT  
ORGANISM: Murine  
US-09-232-290-37

Query Match 67.9%; Score 57; DB 4; Length 119;  
Best Local Similarity 57.9%; Pred. No. 0.1;  
Matches 11; Conservative 2; Mismatches 2; Indels 4; Gaps 1;

QY 1 DSATYFCARR---FGFAY 15  
|||:|||||:|  
Db 90 DSATYFCARRRDGNYGFTY 108

RESULT 13  
US-08-875-706C-1  
Sequence 1, Application US/08875706C  
Patent No. 6433148  
GENERAL INFORMATION:  
APPLICANT: MACIAS ABRAMAN, A. E.  
APPLICANT: P REZ RODRIGUEZ, R.  
APPLICANT: RODRIGUEZ OBAYA, T.  
APPLICANT: BOMBINO LOPEZ, G.  
APPLICANT: RAMOS ZAMORA, M.  
APPLICANT: PEÑA MARICHAL, O.  
TITLE OF INVENTION: Monoclonal anti-idiotypic antibodies  
TITLE OF INVENTION:  
NUMBER OF SEQUENCES: 1  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lackenbach Siegel Marzullo Aronson & Greenspan, P.C.  
STREET: One Chase Road  
CITY: Scarsdale

STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10583  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk 3.5" (1.4 MB).  
COMPUTER: Compatible PC IBM (80486, 8 M Ram).  
OPERATING SYSTEM: ASCII II DOS  
SOFTWARE: Word Perfect 5.0 for Windows 95.  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/875,706C  
FILING DATE: 17-July-1997  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/00003  
FILING DATE: 18-NOV-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Henry A. Marzullo, Jr.  
REGISTRATION NUMBER: 20,910  
REFERENCE/DOCKET NUMBER: P-11  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (914) 723-4300  
TELEFAX: (914) 723-4301  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 120 Amino acid residues  
TYPE: Amino acid  
STRANDEDNESS: Unknown  
TOPOLOGY: Unknown  
MOLECULE TYPE: Protein  
HYPOTHETICAL: No  
ANTI-SENSE: No  
FRAGMENT TYPE: -N Terminal fragment.  
ORIGINAL SOURCE:  
ORGANISM: Mice Balb/C  
TISSUE TYPE: Murine hibridoma  
IMMEDIATE SOURCE:  
CLONE: B7  
FEATURE:  
IDENTIFICATION METHOD: Experimental.  
OTHER INFORMATION: - Sequence corresponding to the variable  
Patent No. 6433148  
OTHER INFORMATION: region of its heavy chain of the humanized variant obtained  
US-08-875-706C-1

Query Match 67.9%; Score 57; DB 4; Length 120;  
Best Local Similarity 66.7%; Pred. No. 0.1;  
Matches 10; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 1 DSAVYFCARRRFGAY 15  
DB 90 DSAVYFCARRRFGAY 104

RESULT 14  
US-07-634-278-52  
Sequence 52, Application US/07634278  
Patent No. 5530101  
GENERAL INFORMATION:  
APPLICANT: QUEEN, Cary L.  
APPLICANT: CO, Man Sung  
APPLICANT: SCHNEIDER, William P.  
APPLICANT: LANDOLFI, Nicholas F.  
APPLICANT: COELINGH, Kathleen L.  
APPLICANT: SELICK, Harold E.  
TITLE OF INVENTION: IMPROVED HUMANIZED IMMUNOGLOBULINS  
NUMBER OF SEQUENCES: 113  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend Kourie and Crew  
STREET: 379 Lytton Avenue  
CITY: Palo Alto  
STATE: California  
COUNTRY: US

ZIP: 94301  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/634,278  
FILING DATE: 19-DEC-1990  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/590,274  
FILING DATE: 28-SEP-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/310,252  
FILING DATE: 13-FEB-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/290,975  
FILING DATE: 28-DEC-1988  
ATTORNEY/AGENT INFORMATION:  
NAME: Smith, William M.  
REGISTRATION NUMBER: 30,223  
REFERENCE/DOCKET NUMBER: 11823-002600  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 326-2400  
TELEFAX: (415) 326-2422  
INFORMATION FOR SEQ ID NO: 52:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 121 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-07-634-278-52

Query Match 67.9%; Score 57; DB 1; Length 121;  
Best Local Similarity 61.9%; Pred. No. 0.1;  
Matches 13; Conservative 0; Mismatches 2; Indels 6; Gaps 1;

QY 1 DSAVYFCARRRFGAY 15  
DB 90 DSAVYFCARRRFGAY 110

RESULT 15  
US-08-477-728-52  
Sequence 52, Application US/08477728  
Patent No. 5585089  
GENERAL INFORMATION:  
APPLICANT: QUEEN, Cary L.  
APPLICANT: SCHNEIDER, William P.  
APPLICANT: SELICK, Harold E.  
TITLE OF INVENTION: IMPROVED HUMANIZED IMMUNOGLOBULINS  
NUMBER OF SEQUENCES: 113  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: Palo Alto  
STATE: California  
COUNTRY: US  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/477,728  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/634,278  
FILING DATE: 19-DEC-1990

```

1      PRIOR APPLICATION DATA:
2      APPLICATION NUMBER:  US 07/590,274
3      FILING DATE:  28-SEP-1990
4      PRIOR APPLICATION DATA:
5      APPLICATION NUMBER:  US 07/310,252
6      FILING DATE:  13-FEB-1989
7      PRIOR APPLICATION DATA:
8      APPLICATION NUMBER:  US 07/290,975
9      FILING DATE:  28-DEC-1988
10     ATTORNEY/AGENT INFORMATION:
11     NAME:  Smith, William M
12     REGISTRATION NUMBER:  30,223
13     REFERENCE/DOCKET NUMBER:  11823-0026000
14     TELECOMMUNICATION INFORMATION:
15     TELEPHONE:  (415) 326-2400
16     TELEFAX:  (415) 326-2422
17     INFORMATION FOR SEQ ID NO:  52:
18     SEQUENCE CHARACTERISTICS:
19     LENGTH:  121 amino acids
20     TYPE:  amino acid
21     STRANDEDNESS:  single
22     TOPOLOGY:  linear
23     MOLECULE TYPE:  peptide
24
25     US-08-477-728-52

```

Query Match	67.9%	Score 57	DB 1	Length 121
Best Local Similarity	61.9%	Pred. No. 0.1		
Matches 13, Conservative	0	Mismatches 2	Indels 6	Gaps 1

```

Qy      1 DSATYFCAR-----RFGFAY 15
          ||| ||| | |||
Db      90 DSAVYFCARGRDSRERNGFAY 110

```

Search completed: August 22, 2005, 15:02:25  
Job time : 31 secs

**this Page Blank (uspto)**



GenCore version 5.1.6  
Copyright (c) 1993 - 2005 Compugen Ltd.

OM protein - protein search, using sw model

Run on: August 22, 2005, 15:00:04 ; Search time 102.188 seconds

(without alignments)  
57.481 Million cell updates/sec

Title: US-09-887-853-6\_COPY\_90\_104

Perfect score: 84  
Sequence: 1 DSATYFCARRFGFAY 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 1759131 seqs, 391586102 residues

Total number of hits satisfying chosen parameters: 1759131

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications AA:\*

- 1: /cgn2\_6/ptodata/1/pubppaa/US07\_PUBCOMB.pep:\*
- 2: /cgn2\_6/ptodata/1/pubppaa/PCRT\_NEW\_PUB.pep:\*
- 3: /cgn2\_6/ptodata/1/pubppaa/US06\_NEW\_PUB.pep:\*
- 4: /cgn2\_6/ptodata/1/pubppaa/US06\_PUBCOMB.pep:\*
- 5: /cgn2\_6/ptodata/1/pubppaa/US07\_NEW\_PUB.pep:\*
- 6: /cgn2\_6/ptodata/1/pubppaa/PCRTUS\_PUBCOMB.pep:\*
- 7: /cgn2\_6/ptodata/1/pubppaa/US08\_NEW\_PUB.pep:\*
- 8: /cgn2\_6/ptodata/1/pubppaa/US08\_PUBCOMB.pep:\*
- 9: /cgn2\_6/ptodata/1/pubppaa/US09A\_PUBCOMB.pep:\*
- 10: /cgn2\_6/ptodata/1/pubppaa/US09B\_PUBCOMB.pep:\*
- 11: /cgn2\_6/ptodata/1/pubppaa/US09C\_PUBCOMB.pep:\*
- 12: /cgn2\_6/ptodata/1/pubppaa/US09C\_NEW\_PUB.pep:\*
- 13: /cgn2\_6/ptodata/1/pubppaa/US10A\_PUBCOMB.pep:\*
- 14: /cgn2\_6/ptodata/1/pubppaa/US10B\_PUBCOMB.pep:\*
- 15: /cgn2\_6/ptodata/1/pubppaa/US10C\_PUBCOMB.pep:\*
- 16: /cgn2\_6/ptodata/1/pubppaa/US10D\_PUBCOMB.pep:\*
- 17: /cgn2\_6/ptodata/1/pubppaa/US10E\_PUBCOMB.pep:\*
- 18: /cgn2\_6/ptodata/1/pubppaa/US10F\_PUBCOMB.pep:\*
- 19: /cgn2\_6/ptodata/1/pubppaa/US10G\_NEW\_PUB.pep:\*
- 20: /cgn2\_6/ptodata/1/pubppaa/US11A\_PUBCOMB.pep:\*
- 21: /cgn2\_6/ptodata/1/pubppaa/US11\_NEW\_PUB.pep:\*
- 22: /cgn2\_6/ptodata/1/pubppaa/US60\_NEW\_PUB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	84	100.0	243	9	US-09-887-853-6
2	84	100.0	243	17	US-10-883-547-6
3	81	96.4	276	9	US-09-766-543-12
4	73	86.9	267	9	US-09-766-543-10
5	59.5	70.8	118	16	US-10-342-959-2
6	58	69.0	118	14	US-10-422-049-19
7	58	69.0	119	15	US-10-411-037-54
8	58	69.0	119	15	US-10-411-026-54
9	58	69.0	119	15	US-10-410-962-54
10	58	69.0	119	15	US-10-411-049-54
11	58	69.0	119	16	US-10-410-930-54

12	58	69.0	119	16	US-10-410-997-54	Sequence 54, Appl
13 <td>58<td>69.0<td>119<td>16<td>US-10-411-012-54</td><td>Sequence 54, Appl</td></td></td></td></td>	58 <td>69.0<td>119<td>16<td>US-10-411-012-54</td><td>Sequence 54, Appl</td></td></td></td>	69.0 <td>119<td>16<td>US-10-411-012-54</td><td>Sequence 54, Appl</td></td></td>	119 <td>16<td>US-10-411-012-54</td><td>Sequence 54, Appl</td></td>	16 <td>US-10-411-012-54</td> <td>Sequence 54, Appl</td>	US-10-411-012-54	Sequence 54, Appl
14 <td>58<td>69.0<td>119<td>16<td>US-10-287-994-54</td><td>Sequence 54, Appl</td></td></td></td></td>	58 <td>69.0<td>119<td>16<td>US-10-287-994-54</td><td>Sequence 54, Appl</td></td></td></td>	69.0 <td>119<td>16<td>US-10-287-994-54</td><td>Sequence 54, Appl</td></td></td>	119 <td>16<td>US-10-287-994-54</td><td>Sequence 54, Appl</td></td>	16 <td>US-10-287-994-54</td> <td>Sequence 54, Appl</td>	US-10-287-994-54	Sequence 54, Appl
15 <td>58<td>69.0<td>119<td>16<td>US-10-410-913-54</td><td>Sequence 54, Appl</td></td></td></td></td>	58 <td>69.0<td>119<td>16<td>US-10-410-913-54</td><td>Sequence 54, Appl</td></td></td></td>	69.0 <td>119<td>16<td>US-10-410-913-54</td><td>Sequence 54, Appl</td></td></td>	119 <td>16<td>US-10-410-913-54</td><td>Sequence 54, Appl</td></td>	16 <td>US-10-410-913-54</td> <td>Sequence 54, Appl</td>	US-10-410-913-54	Sequence 54, Appl
16 <td>58<td>69.0<td>119<td>17<td>US-10-410-980-54</td><td>Sequence 54, Appl</td></td></td></td></td>	58 <td>69.0<td>119<td>17<td>US-10-410-980-54</td><td>Sequence 54, Appl</td></td></td></td>	69.0 <td>119<td>17<td>US-10-410-980-54</td><td>Sequence 54, Appl</td></td></td>	119 <td>17<td>US-10-410-980-54</td><td>Sequence 54, Appl</td></td>	17 <td>US-10-410-980-54</td> <td>Sequence 54, Appl</td>	US-10-410-980-54	Sequence 54, Appl
17 <td>58<td>69.0<td>119<td>17<td>US-10-410-897-54</td><td>Sequence 54, Appl</td></td></td></td></td>	58 <td>69.0<td>119<td>17<td>US-10-410-897-54</td><td>Sequence 54, Appl</td></td></td></td>	69.0 <td>119<td>17<td>US-10-410-897-54</td><td>Sequence 54, Appl</td></td></td>	119 <td>17<td>US-10-410-897-54</td><td>Sequence 54, Appl</td></td>	17 <td>US-10-410-897-54</td> <td>Sequence 54, Appl</td>	US-10-410-897-54	Sequence 54, Appl
18 <td>58<td>69.0<td>119<td>17<td>US-10-492-261-54</td><td>Sequence 54, Appl</td></td></td></td></td>	58 <td>69.0<td>119<td>17<td>US-10-492-261-54</td><td>Sequence 54, Appl</td></td></td></td>	69.0 <td>119<td>17<td>US-10-492-261-54</td><td>Sequence 54, Appl</td></td></td>	119 <td>17<td>US-10-492-261-54</td><td>Sequence 54, Appl</td></td>	17 <td>US-10-492-261-54</td> <td>Sequence 54, Appl</td>	US-10-492-261-54	Sequence 54, Appl
19 <td>58<td>69.0<td>140<td>9<td>US-09-341-894-2</td><td>Sequence 2, Appl</td></td></td></td></td>	58 <td>69.0<td>140<td>9<td>US-09-341-894-2</td><td>Sequence 2, Appl</td></td></td></td>	69.0 <td>140<td>9<td>US-09-341-894-2</td><td>Sequence 2, Appl</td></td></td>	140 <td>9<td>US-09-341-894-2</td><td>Sequence 2, Appl</td></td>	9 <td>US-09-341-894-2</td> <td>Sequence 2, Appl</td>	US-09-341-894-2	Sequence 2, Appl
20 <td>57<td>67.9<td>119<td>15<td>US-10-461-878-11</td><td>Sequence 11, Appl</td></td></td></td></td>	57 <td>67.9<td>119<td>15<td>US-10-461-878-11</td><td>Sequence 11, Appl</td></td></td></td>	67.9 <td>119<td>15<td>US-10-461-878-11</td><td>Sequence 11, Appl</td></td></td>	119 <td>15<td>US-10-461-878-11</td><td>Sequence 11, Appl</td></td>	15 <td>US-10-461-878-11</td> <td>Sequence 11, Appl</td>	US-10-461-878-11	Sequence 11, Appl
21 <td>57<td>67.9<td>119<td>15<td>US-10-461-878-13</td><td>Sequence 13, Appl</td></td></td></td></td>	57 <td>67.9<td>119<td>15<td>US-10-461-878-13</td><td>Sequence 13, Appl</td></td></td></td>	67.9 <td>119<td>15<td>US-10-461-878-13</td><td>Sequence 13, Appl</td></td></td>	119 <td>15<td>US-10-461-878-13</td><td>Sequence 13, Appl</td></td>	15 <td>US-10-461-878-13</td> <td>Sequence 13, Appl</td>	US-10-461-878-13	Sequence 13, Appl
22 <td>57<td>67.9<td>119<td>15<td>US-10-461-878-15</td><td>Sequence 15, Appl</td></td></td></td></td>	57 <td>67.9<td>119<td>15<td>US-10-461-878-15</td><td>Sequence 15, Appl</td></td></td></td>	67.9 <td>119<td>15<td>US-10-461-878-15</td><td>Sequence 15, Appl</td></td></td>	119 <td>15<td>US-10-461-878-15</td><td>Sequence 15, Appl</td></td>	15 <td>US-10-461-878-15</td> <td>Sequence 15, Appl</td>	US-10-461-878-15	Sequence 15, Appl
23 <td>57<td>67.9<td>119<td>17<td>US-10-461-885-11</td><td>Sequence 11, Appl</td></td></td></td></td>	57 <td>67.9<td>119<td>17<td>US-10-461-885-11</td><td>Sequence 11, Appl</td></td></td></td>	67.9 <td>119<td>17<td>US-10-461-885-11</td><td>Sequence 11, Appl</td></td></td>	119 <td>17<td>US-10-461-885-11</td><td>Sequence 11, Appl</td></td>	17 <td>US-10-461-885-11</td> <td>Sequence 11, Appl</td>	US-10-461-885-11	Sequence 11, Appl
24 <td>57<td>67.9<td>119<td>17<td>US-10-461-885-13</td><td>Sequence 13, Appl</td></td></td></td></td>	57 <td>67.9<td>119<td>17<td>US-10-461-885-13</td><td>Sequence 13, Appl</td></td></td></td>	67.9 <td>119<td>17<td>US-10-461-885-13</td><td>Sequence 13, Appl</td></td></td>	119 <td>17<td>US-10-461-885-13</td><td>Sequence 13, Appl</td></td>	17 <td>US-10-461-885-13</td> <td>Sequence 13, Appl</td>	US-10-461-885-13	Sequence 13, Appl
25 <td>57<td>67.9<td>121<td>15<td>US-10-389-155-11</td><td>Sequence 11, Appl</td></td></td></td></td>	57 <td>67.9<td>121<td>15<td>US-10-389-155-11</td><td>Sequence 11, Appl</td></td></td></td>	67.9 <td>121<td>15<td>US-10-389-155-11</td><td>Sequence 11, Appl</td></td></td>	121 <td>15<td>US-10-389-155-11</td><td>Sequence 11, Appl</td></td>	15 <td>US-10-389-155-11</td> <td>Sequence 11, Appl</td>	US-10-389-155-11	Sequence 11, Appl
26 <td>57<td>67.9<td>121<td>15<td>US-10-389-417-11</td><td>Sequence 11, Appl</td></td></td></td></td>	57 <td>67.9<td>121<td>15<td>US-10-389-417-11</td><td>Sequence 11, Appl</td></td></td></td>	67.9 <td>121<td>15<td>US-10-389-417-11</td><td>Sequence 11, Appl</td></td></td>	121 <td>15<td>US-10-389-417-11</td><td>Sequence 11, Appl</td></td>	15 <td>US-10-389-417-11</td> <td>Sequence 11, Appl</td>	US-10-389-417-11	Sequence 11, Appl
27 <td>57<td>67.9<td>121<td>15<td>US-10-452-357-50</td><td>Sequence 50, Appl</td></td></td></td></td>	57 <td>67.9<td>121<td>15<td>US-10-452-357-50</td><td>Sequence 50, Appl</td></td></td></td>	67.9 <td>121<td>15<td>US-10-452-357-50</td><td>Sequence 50, Appl</td></td></td>	121 <td>15<td>US-10-452-357-50</td><td>Sequence 50, Appl</td></td>	15 <td>US-10-452-357-50</td> <td>Sequence 50, Appl</td>	US-10-452-357-50	Sequence 50, Appl
28 <td>57<td>67.9<td>157<td>15<td>US-10-826-795-12</td><td>Sequence 12, Appl</td></td></td></td></td>	57 <td>67.9<td>157<td>15<td>US-10-826-795-12</td><td>Sequence 12, Appl</td></td></td></td>	67.9 <td>157<td>15<td>US-10-826-795-12</td><td>Sequence 12, Appl</td></td></td>	157 <td>15<td>US-10-826-795-12</td><td>Sequence 12, Appl</td></td>	15 <td>US-10-826-795-12</td> <td>Sequence 12, Appl</td>	US-10-826-795-12	Sequence 12, Appl
29 <td>57<td>67.9<td>225<td>16<td>US-10-128-520-173</td><td>Sequence 173, Appl</td></td></td></td></td>	57 <td>67.9<td>225<td>16<td>US-10-128-520-173</td><td>Sequence 173, Appl</td></td></td></td>	67.9 <td>225<td>16<td>US-10-128-520-173</td><td>Sequence 173, Appl</td></td></td>	225 <td>16<td>US-10-128-520-173</td><td>Sequence 173, Appl</td></td>	16 <td>US-10-128-520-173</td> <td>Sequence 173, Appl</td>	US-10-128-520-173	Sequence 173, Appl
30 <td>57<td>67.9<td>241</td><td>17<td>US-10-887-231-13</td><td>Sequence 13, Appl</td></td></td></td>	57 <td>67.9<td>241</td><td>17<td>US-10-887-231-13</td><td>Sequence 13, Appl</td></td></td>	67.9 <td>241</td> <td>17<td>US-10-887-231-13</td><td>Sequence 13, Appl</td></td>	241	17 <td>US-10-887-231-13</td> <td>Sequence 13, Appl</td>	US-10-887-231-13	Sequence 13, Appl
31 <td>57<td>67.9<td>730</td><td>20<td>US-11-035-599-30</td><td>Sequence 30, Appl</td></td></td></td>	57 <td>67.9<td>730</td><td>20<td>US-11-035-599-30</td><td>Sequence 30, Appl</td></td></td>	67.9 <td>730</td> <td>20<td>US-11-035-599-30</td><td>Sequence 30, Appl</td></td>	730	20 <td>US-11-035-599-30</td> <td>Sequence 30, Appl</td>	US-11-035-599-30	Sequence 30, Appl
32 <td>57<td>67.9<td>730</td><td>20<td>US-11-035-599-31</td><td>Sequence 31, Appl</td></td></td></td>	57 <td>67.9<td>730</td><td>20<td>US-11-035-599-31</td><td>Sequence 31, Appl</td></td></td>	67.9 <td>730</td> <td>20<td>US-11-035-599-31</td><td>Sequence 31, Appl</td></td>	730	20 <td>US-11-035-599-31</td> <td>Sequence 31, Appl</td>	US-11-035-599-31	Sequence 31, Appl
33 <td>57<td>67.9<td>761</td><td>20<td>US-11-035-599-29</td><td>Sequence 29, Appl</td></td></td></td>	57 <td>67.9<td>761</td><td>20<td>US-11-035-599-29</td><td>Sequence 29, Appl</td></td></td>	67.9 <td>761</td> <td>20<td>US-11-035-599-29</td><td>Sequence 29, Appl</td></td>	761	20 <td>US-11-035-599-29</td> <td>Sequence 29, Appl</td>	US-11-035-599-29	Sequence 29, Appl
34 <td>57<td>67.9<td>762</td><td>20<td>US-11-035-599-28</td><td>Sequence 28, Appl</td></td></td></td>	57 <td>67.9<td>762</td><td>20<td>US-11-035-599-28</td><td>Sequence 28, Appl</td></td></td>	67.9 <td>762</td> <td>20<td>US-11-035-599-28</td><td>Sequence 28, Appl</td></td>	762	20 <td>US-11-035-599-28</td> <td>Sequence 28, Appl</td>	US-11-035-599-28	Sequence 28, Appl
35 <td>56.5<td>67.3</td><td>118<td>16<td>US-10-342-959-5</td><td>Sequence 5, Appl</td></td></td></td>	56.5 <td>67.3</td> <td>118<td>16<td>US-10-342-959-5</td><td>Sequence 5, Appl</td></td></td>	67.3	118 <td>16<td>US-10-342-959-5</td><td>Sequence 5, Appl</td></td>	16 <td>US-10-342-959-5</td> <td>Sequence 5, Appl</td>	US-10-342-959-5	Sequence 5, Appl
36 <td>56.5<td>67.3</td><td>118<td>16<td>US-10-342-959-6</td><td>Sequence 6, Appl</td></td></td></td>	56.5 <td>67.3</td> <td>118<td>16<td>US-10-342-959-6</td><td>Sequence 6, Appl</td></td></td>	67.3	118 <td>16<td>US-10-342-959-6</td><td>Sequence 6, Appl</td></td>	16 <td>US-10-342-959-6</td> <td>Sequence 6, Appl</td>	US-10-342-959-6	Sequence 6, Appl
37 <td>56.5<td>67.3</td><td>118<td>16<td>US-10-342-959-7</td><td>Sequence 7, Appl</td></td></td></td>	56.5 <td>67.3</td> <td>118<td>16<td>US-10-342-959-7</td><td>Sequence 7, Appl</td></td></td>	67.3	118 <td>16<td>US-10-342-959-7</td><td>Sequence 7, Appl</td></td>	16 <td>US-10-342-959-7</td> <td>Sequence 7, Appl</td>	US-10-342-959-7	Sequence 7, Appl
38 <td>56.5<td>67.3</td><td>118<td>16<td>US-10-342-959-8</td><td>Sequence 8, Appl</td></td></td></td>	56.5 <td>67.3</td> <td>118<td>16<td>US-10-342-959-8</td><td>Sequence 8, Appl</td></td></td>	67.3	118 <td>16<td>US-10-342-959-8</td><td>Sequence 8, Appl</td></td>	16 <td>US-10-342-959-8</td> <td>Sequence 8, Appl</td>	US-10-342-959-8	Sequence 8, Appl
39 <td>56<td>66.7</td><td>119<td>14<td>US-10-207-655-258</td><td>Sequence 258, Appl</td></td></td></td>	56 <td>66.7</td> <td>119<td>14<td>US-10-207-655-258</td><td>Sequence 258, Appl</td></td></td>	66.7	119 <td>14<td>US-10-207-655-258</td><td>Sequence 258, Appl</td></td>	14 <td>US-10-207-655-258</td> <td>Sequence 258, Appl</td>	US-10-207-655-258	Sequence 258, Appl
40 <td>56<td>66.7</td><td>119<td>15<td>US-10-460-595-5</td><td>Sequence 5, Appl</td></td></td></td>	56 <td>66.7</td> <td>119<td>15<td>US-10-460-595-5</td><td>Sequence 5, Appl</td></td></td>	66.7	119 <td>15<td>US-10-460-595-5</td><td>Sequence 5, Appl</td></td>	15 <td>US-10-460-595-5</td> <td>Sequence 5, Appl</td>	US-10-460-595-5	Sequence 5, Appl
41 <td>56<td>66.7</td><td>119<td>16<td>US-10-774-076-2</td><td>Sequence 2, Appl</td></td></td></td>	56 <td>66.7</td> <td>119<td>16<td>US-10-774-076-2</td><td>Sequence 2, Appl</td></td></td>	66.7	119 <td>16<td>US-10-774-076-2</td><td>Sequence 2, Appl</td></td>	16 <td>US-10-774-076-2</td> <td>Sequence 2, Appl</td>	US-10-774-076-2	Sequence 2, Appl
42 <td>56<td>66.7</td><td>119<td>18<td>US-10-627-556-46</td><td>Sequence 46, Appl</td></td></td></td>	56 <td>66.7</td> <td>119<td>18<td>US-10-627-556-46</td><td>Sequence 46, Appl</td></td></td>	66.7	119 <td>18<td>US-10-627-556-46</td><td>Sequence 46, Appl</td></td>	18 <td>US-10-627-556-46</td> <td>Sequence 46, Appl</td>	US-10-627-556-46	Sequence 46, Appl
43 <td>56<td>66.7</td><td>121<td>15<td>US-10-372-481-13</td><td>Sequence 13, Appl</td></td></td></td>	56 <td>66.7</td> <td>121<td>15<td>US-10-372-481-13</td><td>Sequence 13, Appl</td></td></td>	66.7	121 <td>15<td>US-10-372-481-13</td><td>Sequence 13, Appl</td></td>	15 <td>US-10-372-481-13</td> <td>Sequence 13, Appl</td>	US-10-372-481-13	Sequence 13, Appl
44 <td>56<td>66.7</td><td>121<td>15<td>US-10-371-797-13</td><td>Sequence 13, Appl</td></td></td></td>	56 <td>66.7</td> <td>121<td>15<td>US-10-371-797-13</td><td>Sequence 13, Appl</td></td></td>	66.7	121 <td>15<td>US-10-371-797-13</td><td>Sequence 13, Appl</td></td>	15 <td>US-10-371-797-13</td> <td>Sequence 13, Appl</td>	US-10-371-797-13	Sequence 13, Appl
45 <td>56<td>66.7</td><td>138</td><td>16<td>US-10-774-076-9</td><td>Sequence 9, Appl</td></td></td>	56 <td>66.7</td> <td>138</td> <td>16<td>US-10-774-076-9</td><td>Sequence 9, Appl</td></td>	66.7	138	16 <td>US-10-774-076-9</td> <td>Sequence 9, Appl</td>	US-10-774-076-9	Sequence 9, Appl

#### ALIGNMENTS

RESULT 1  
US-09-887-853-6  
Sequence 6, Application US/09887853  
Patent No. US20020168375A1  
GENERAL INFORMATION:  
APPLICANT: Huston, James S.  
Oppermann, Hermann  
Houston, L. L.  
Ring, David B.  
TITLE OF INVENTION: Bioartificial Binding Proteins For  
Imaging  
NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESSES:  
ADDRESSER: Testa, Hurwitz & Thibault/Patent Department  
STREET: Exchange Place, 53 State Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/887,853  
FILING DATE: 21-Jun-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/133,804  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Kelley, Robin D.  
REGISTRATION NUMBER: 34,637

```

; REFERENCE/DOCKET NUMBER: 2054/22
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-248-7477
; TELEFAX: 617-248-7100
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 243 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-887-853-6

Query Match          100.0%; Score 84; DB 9; Length 243;
Best Local Similarity 100.0%; Pred. No. 2,3e-05;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 DSATYFCARRRFGPAY 15
Db      90 DSATYFCARRRFGPAY 104

RESULT 2
US-10-683-547-6
; Sequence 6, Application US/10683547
; Publication No. US20050058638A1
; GENERAL INFORMATION:
; APPLICANT: Huston, J.
; APPLICANT: Houston, L.L.
; APPLICANT: Ring, D.
; APPLICANT: Oppermann, H.
; TITLE OF INVENTION: BIOSYNTHETIC BINDING PROTEINS FOR IMMUNO-TARGETING
; FILE REFERENCE: CIBT-P01-130
; CURRENT APPLICATION NUMBER: US/10/683,547
; CURRENT FILING DATE: 2003-10-10
; PRIOR APPLICATION NUMBER: US/09/558,741
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 07/831,967
; PRIOR FILING DATE: 1992-02-06
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 243
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 520C9 sFv
US-10-683-547-6

Query Match          100.0%; Score 84; DB 17; Length 243;
Best Local Similarity 100.0%; Pred. No. 2,3e-05;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 DSATYFCARRRFGPAY 15
Db      90 DSATYFCARRRFGPAY 104

RESULT 3
US-09-766-543-12
; Sequence 12, Application US/09766543
; Patent No. US20020041865A1
; GENERAL INFORMATION:
; APPLICANT: Austlin, Richard
; APPLICANT: Kwok, Cheuk S.
; APPLICANT: Ring, David B.
; TITLE OF INVENTION: METHODS FOR TREATING TUMORS
; FILE REFERENCE: PP01679, 002
; CURRENT APPLICATION NUMBER: US/09/766,543
; CURRENT FILING DATE: 2000-01-19
; PRIOR APPLICATION NUMBER: 60/177,258
; PRIOR FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 14
```

```

; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 12
; LENGTH: 276
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: H520C9sFv plus
US-09-766-543-12

Query Match          96.4%; Score 81; DB 9; Length 276;
Best Local Similarity 93.3%; Pred. No. 7,9e-05;
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 DSATYFCARRRFGPAY 15
Db      112 DTAIVYFCARRRFGPAY 126

RESULT 4
US-09-766-543-10
; Sequence 10, Application US/09766543
; Patent No. US20020041865A1
; GENERAL INFORMATION:
; APPLICANT: Austlin, Richard
; APPLICANT: Kwok, Cheuk S.
; APPLICANT: Ring, David B.
; TITLE OF INVENTION: METHODS FOR TREATING TUMORS
; FILE REFERENCE: PP01679, 002
; CURRENT APPLICATION NUMBER: US/09/766,543
; CURRENT FILING DATE: 2000-01-19
; PRIOR APPLICATION NUMBER: 60/177,258
; PRIOR FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
; LENGTH: 267
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: 520C9
; OTHER INFORMATION: humanized single-chain antibody used in the
; OTHER INFORMATION: IL-2-antibody fusions
US-09-766-543-10

Query Match          86.9%; Score 73; DB 9; Length 267;
Best Local Similarity 80.0%; Pred. No. 0.0014;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      1 DSATYFCARRRFGPAY 15
Db      112 DTAIVYFCARRRFGPAY 126

RESULT 5
US-10-342-959-2
; Sequence 2, Application US/10342959
; Publication No. US20040137000A1
; GENERAL INFORMATION:
; APPLICANT: Lynn, Shugene
; TITLE OF INVENTION: Designed Deimmunized Monoclonal Antibodies for Protection Against
; TITLE OF INVENTION: HIV Exposure and Treatment of HIV Infection
; FILE REFERENCE: 1151-4173
; CURRENT APPLICATION NUMBER: US/10/342,959
; CURRENT FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 118
; TYPE: PRT
; ORGANISM: mouse
US-10-342-959-2
```



US-10-410-962-54  
; Sequence 54, Application US/10410962  
; Publication No. US20040077836A1  
; GENERAL INFORMATION:  
; APPLICANT: Neose Technologies, Inc.  
; APPLICANT: Defrees, Shawn  
; APPLICANT: Zopf, David  
; APPLICANT: Bayer, Robert  
; APPLICANT: Hakes, David  
; APPLICANT: Chen, Xi  
; APPLICANT: Bove, Caryn  
; TITLE OF INVENTION: GLYCOCONJUGATION OF G-CSF  
; FILE REFERENCE: 040853-01-5054  
; CURRENT APPLICATION NUMBER: US/10/410,962  
; CURRENT FILING DATE: 2003-04-09  
; PRIOR APPLICATION NUMBER: US 60/328,523  
; PRIOR FILING DATE: 2001-10-10  
; PRIOR APPLICATION NUMBER: US 60/344,692  
; PRIOR FILING DATE: 2001-10-19  
; PRIOR APPLICATION NUMBER: US 60/387,292  
; PRIOR FILING DATE: 2002-06-07  
; PRIOR APPLICATION NUMBER: US 60/391,777  
; PRIOR FILING DATE: 2002-06-25  
; PRIOR APPLICATION NUMBER: US 60/396,594  
; PRIOR FILING DATE: 2002-07-17  
; PRIOR APPLICATION NUMBER: US 60/404,249  
; PRIOR FILING DATE: 2002-08-16  
; PRIOR APPLICATION NUMBER: US 60/407,527  
; PRIOR FILING DATE: 2002-08-28  
; NUMBER OF SEQ ID NOS: 75  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 54  
; LENGTH: 119  
; TYPE: PRT  
; ORGANISM: Mus musculus  
US-10-410-962-54

Query Match 69.0%; Score 58; DB 15; Length 119;  
Best Local Similarity 68.4%; Pred. No. 0.16;  
Matches 13; Conservative 0; Mismatches 2; Indels 4; Gaps 1;

QY 1 DSATYFCARRFG---FAY 15  
||| ||||| |||  
Db 90 DSAVYFCARRDGNVGMFAY 108

RESULT 10  
US-10-411-049-54  
; Sequence 54, Application US/10411049  
; Publication No. US20040082026A1  
; GENERAL INFORMATION:  
; APPLICANT: Neose Technologies, Inc.  
; APPLICANT: Defrees, Shawn  
; APPLICANT: Zopf, David  
; APPLICANT: Bayer, Robert  
; APPLICANT: Hakes, David  
; APPLICANT: Chen, Xi  
; APPLICANT: Bove, Caryn  
; TITLE OF INVENTION: INTERFERON ALPHA: REMODELING AND GLYCOCONJUGATION OF INTERFERON  
; FILE REFERENCE: 040853-01-5055  
; CURRENT APPLICATION NUMBER: US/10/411,049  
; CURRENT FILING DATE: 2003-04-09  
; PRIOR APPLICATION NUMBER: US 60/328,523  
; PRIOR FILING DATE: 2001-10-10  
; PRIOR APPLICATION NUMBER: US 60/344,692  
; PRIOR FILING DATE: 2001-10-19  
; PRIOR APPLICATION NUMBER: US 60/387,292  
; PRIOR FILING DATE: 2002-06-07  
; PRIOR APPLICATION NUMBER: US 60/391,777  
; PRIOR FILING DATE: 2002-06-25  
; PRIOR APPLICATION NUMBER: US 60/396,594

; PRIOR FILING DATE: 2002-07-17  
; PRIOR APPLICATION NUMBER: US 60/404,249  
; PRIOR FILING DATE: 2002-08-16  
; PRIOR APPLICATION NUMBER: US 60/407,527  
; PRIOR FILING DATE: 2002-08-28  
; NUMBER OF SEQ ID NOS: 75  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 54  
; LENGTH: 119  
; TYPE: PRT  
; ORGANISM: Mus musculus  
US-10-411-049-54

Query Match 69.0%; Score 58; DB 15; Length 119;  
Best Local Similarity 68.4%; Pred. No. 0.16;  
Matches 13; Conservative 0; Mismatches 2; Indels 4; Gaps 1;

QY 1 DSATYFCARRFG---FAY 15  
||| ||||| |||  
Db 90 DSAVYFCARRDGNVGMFAY 108

RESULT 11  
US-10-410-930-54  
; Sequence 54, Application US/10410930  
; Publication No. US20040115168A1  
; GENERAL INFORMATION:  
; APPLICANT: Neose Technologies, Inc.  
; APPLICANT: Defrees, Shawn  
; APPLICANT: Zopf, David  
; APPLICANT: Bayer, Robert  
; APPLICANT: Hakes, David  
; APPLICANT: Chen, Xi  
; APPLICANT: Bove, Caryn  
; TITLE OF INVENTION: INTERFERON BETA: REMODELING AND GLYCOCONJUGATION OF INTERFERON  
; FILE REFERENCE: 040853-01-5056  
; CURRENT APPLICATION NUMBER: US/10/410,930  
; CURRENT FILING DATE: 2003-04-09  
; PRIOR APPLICATION NUMBER: US 60/328,523  
; PRIOR FILING DATE: 2001-10-10  
; PRIOR APPLICATION NUMBER: US 60/344,692  
; PRIOR FILING DATE: 2001-10-19  
; PRIOR APPLICATION NUMBER: US 60/387,292  
; PRIOR FILING DATE: 2002-06-07  
; PRIOR APPLICATION NUMBER: US 60/391,777  
; PRIOR FILING DATE: 2002-06-25  
; PRIOR APPLICATION NUMBER: US 60/396,594  
; PRIOR FILING DATE: 2002-07-17  
; PRIOR APPLICATION NUMBER: US 60/404,249  
; PRIOR FILING DATE: 2002-08-16  
; PRIOR APPLICATION NUMBER: US 60/407,527  
; PRIOR FILING DATE: 2002-08-28  
; NUMBER OF SEQ ID NOS: 75  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 54  
; LENGTH: 119  
; TYPE: PRT  
; ORGANISM: Mus musculus  
US-10-410-930-54

Query Match 69.0%; Score 58; DB 16; Length 119;  
Best Local Similarity 68.4%; Pred. No. 0.16;  
Matches 13; Conservative 0; Mismatches 2; Indels 4; Gaps 1;

QY 1 DSATYFCARRFG---FAY 15  
||| ||||| |||  
Db 90 DSAVYFCARRDGNVGMFAY 108

RESULT 12  
US-10-410-997-54  
; Sequence 54, Application US/10410997

```
; Publication No. US20040126838A1
; GENERAL INFORMATION:
; APPLICANT: Neose Technologies, Inc.
; APPLICANT: Defrees, Shawn
; APPLICANT: Zopf, David
; APPLICANT: Bayer, Robert
; APPLICANT: Hakes, David
; APPLICANT: Chen, Xi
; APPLICANT: Bove, Caryn
; TITLE OF INVENTION: FOLLICLE STIMULATING HORMONE: REMODELING AND GLYCOCONJUGATION OF
; FILE REFERENCE: 040853-01-5059
; CURRENT APPLICATION NUMBER: US/10/410,997
; CURRENT FILING DATE: 2003-04-09
; PRIOR APPLICATION NUMBER: US 60/328,523
; PRIOR FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: US 60/344,692
; PRIOR FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: US 60/387,292
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: US 60/391,777
; PRIOR FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: US 60/396,594
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US 60/404,249
; PRIOR FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: US 60/407,527
; PRIOR FILING DATE: 2002-08-28
; NUMBER OF SEQ ID NOS: 75
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 54
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus musculus
; US-10-410-997-54

Query Match      69.0%; Score 58; DB 16; Length 119;
Best Local Similarity 68.4%; Pred. NO. 0.16;
Matches 13; Conservative 0; Mismatches 2; Indels 4; Gaps 1;

Qy      1 DSATYFCARRRG---FAY 15
Db      90 DSAVYFCARRDGNYGWFAY 108

RESULT 13
; US-10-411-012-54
; Sequence 54, Application US/10411012
; Publication No. US20040132640A1
; GENERAL INFORMATION:
; APPLICANT: Neose Technologies, Inc.
; APPLICANT: Defrees, Shawn
; APPLICANT: Zopf, David
; APPLICANT: Bayer, Robert
; APPLICANT: Hakes, David
; APPLICANT: Chen, Xi
; APPLICANT: Bove, Caryn
; TITLE OF INVENTION: GLYCOREGULATION METHODS AND PROTEINS/PEPTIDES PRODUCED BY THE
; FILE REFERENCE: 040853-01-5051
; CURRENT APPLICATION NUMBER: US/10/411,012
; CURRENT FILING DATE: 2003-04-09
; PRIOR APPLICATION NUMBER: US 60/328,523
; PRIOR FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: US 60/344,692
; PRIOR FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: US 60/387,292
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: US 60/391,777
; PRIOR FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: US 60/396,594
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US 60/404,249
```

```
; PRIOR FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: US 60/407,527
; PRIOR FILING DATE: 2002-08-28
; NUMBER OF SEQ ID NOS: 75
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 54
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus musculus
; US-10-411-012-54

Query Match      69.0%; Score 58; DB 16; Length 119;
Best Local Similarity 68.4%; Pred. NO. 0.16;
Matches 13; Conservative 0; Mismatches 2; Indels 4; Gaps 1;

Qy      1 DSATYFCARRRG---FAY 15
Db      90 DSAVYFCARRDGNYGWFAY 108

RESULT 14
; US-10-287-994-54
; Sequence 54, Application US/10287994
; Publication No. US20040137557A1
; GENERAL INFORMATION:
; APPLICANT: Neose Technologies, Inc.
; APPLICANT: Defrees, Shawn
; APPLICANT: Zopf, David
; APPLICANT: Bayer, Robert
; APPLICANT: Bove, Caryn
; APPLICANT: Hakes, David
; APPLICANT: Chen, Xi
; TITLE OF INVENTION: REMODELING AND GLYCOCONJUGATION OF PEPTIDES
; FILE REFERENCE: 040853-01-5052-00
; CURRENT APPLICATION NUMBER: US/10/287,994
; CURRENT FILING DATE: 2002-11-05
; PRIOR APPLICATION NUMBER: US 60/328,523
; PRIOR FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: US 60/344,692
; PRIOR FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: US 60/387,292
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: US 60/391,777
; PRIOR FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: US 60/396,594
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US 60/404,249
; PRIOR FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: US 60/407,527
; PRIOR FILING DATE: 2002-08-28
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 54
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus musculus
; US-10-287-994-54

Query Match      69.0%; Score 58; DB 16; Length 119;
Best Local Similarity 68.4%; Pred. NO. 0.16;
Matches 13; Conservative 0; Mismatches 2; Indels 4; Gaps 1;

Qy      1 DSATYFCARRRG---FAY 15
Db      90 DSAVYFCARRDGNYGWFAY 108

RESULT 15
; US-10-410-913-54
; Sequence 54, Application US/10410913
; Publication No. US20040142856A1
; GENERAL INFORMATION:
; APPLICANT: Neose Technologies, Inc.
```

```

; APPLICANT: Defrees, Shawn
; APPLICANT: Zopf, David
; APPLICANT: Bayer, Robert
; APPLICANT: Hakes, David
; APPLICANT: Chen, Xi
; APPLICANT: Bove, Caryn
; TITLE OF INVENTION: GLYCOCONGUTATION METHODS AND PROTEINS/PEPTIDES PRODUCED BY THE
; FILE REFERENCE: 040853-01-5081
; CURRENT APPLICATION NUMBER: US/10/410,913
; CURRENT FILING DATE: 2003-04-09
; PRIOR APPLICATION NUMBER: US 60/328,523
; PRIOR FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: US 60/344,692
; PRIOR FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: US 60/387,292
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: US 60/391,777
; PRIOR FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: US 60/396,594
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US 60/404,249
; PRIOR FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: US 60/407,527
; PRIOR FILING DATE: 2002-08-28
; NUMBER OF SEQ ID NOS: 75
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 54
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-410-913-54

```

```

Query Match      69.0%; Score 58; DB 16; Length 119;
Best Local Similarity 68.4%; Pred. NO. 0.16;
Matches 13; Conservative 0; Mismatches 2; Indels 4; Gaps 1;
Qy      1 DSATYFCARRRG---FAY 15
Db      90 DSATYFCARRRDGNYGWFA 108

```

Search completed: August 22, 2005, 15:38:26  
 Job time : 103.188 secs



US-08-133-804-6  
; Sequence 6, Application US/08133804  
; Patent No. 5534254  
; GENERAL INFORMATION:  
; APPLICANT: Huston, James S.  
; APPLICANT: Oppermann, Hermann  
; APPLICANT: Houston, L. L.  
; APPLICANT: Ring, David B.  
; TITLE OF INVENTION: Biosynthetic Binding Proteins For  
; NUMBER OF SEQUENCES: 11  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Testa, Hurwitz & Thibault/Patent Department  
; STREET: Exchange Place, 53 State Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/133,804  
; FILING DATE:  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kelley, Robin D.  
; REGISTRATION NUMBER: 34,637  
; REFERENCE/DOCKET NUMBER: 2054/22  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-248-7477  
; TELEFAX: 617-248-7100  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 243 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-08-133-804-6  
  
Query Match 100.0%; Score 97; DB 1; Length 243;  
Best Local Similarity 100.0%; Pred. No. 4.4e-07;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 WINTYGSTYADDFKE 17  
DB 50 WINTYGSTYADDFKE 66  
  
RESULT 3  
; US-08-461-838-6  
; Sequence 6, Application US/08461838  
; Patent No. 5753204  
; GENERAL INFORMATION:  
; APPLICANT: Huston, James S.  
; APPLICANT: Oppermann, Hermann  
; APPLICANT: Houston, L. L.  
; APPLICANT: Ring, David B.  
; TITLE OF INVENTION: Biosynthetic Binding Proteins For  
; NUMBER OF SEQUENCES: 11  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Testa, Hurwitz & Thibault/Patent Department  
; STREET: Exchange Place, 53 State Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/461,838  
; FILING DATE:  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kelley, Robin D.  
; REGISTRATION NUMBER: 34,637  
; REFERENCE/DOCKET NUMBER: 2054/22  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-248-7477  
; TELEFAX: 617-248-7100  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 243 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-08-461-838-6  
  
Query Match 100.0%; Score 97; DB 1; Length 243;  
Best Local Similarity 100.0%; Pred. No. 4.4e-07;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 WINTYGSTYADDFKE 17  
DB 50 WINTYGSTYADDFKE 66  
  
RESULT 4  
; US-08-461-386-6  
; Sequence 6, Application US/08461386  
; Patent No. 5837846  
; GENERAL INFORMATION:  
; APPLICANT: Huston, James S.  
; APPLICANT: Oppermann, Hermann  
; APPLICANT: Houston, L. L.  
; APPLICANT: Ring, David B.  
; TITLE OF INVENTION: Biosynthetic Binding Proteins For  
; NUMBER OF SEQUENCES: 11  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Testa, Hurwitz & Thibault/Patent Department  
; STREET: Exchange Place, 53 State Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/461,386  
; FILING DATE:  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kelley, Robin D.  
; REGISTRATION NUMBER: 34,637  
; REFERENCE/DOCKET NUMBER: 2054/22  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-248-7477  
; TELEFAX: 617-248-7100  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 243 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-08-461-386-6



Query Match 100.0%; Score 97; DB 2; Length 243;  
Best Local Similarity 100.0%; Pred. No. 4,4e-07;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 WINTYGOSTYADDFKE 17  
|||  
Db 50 WINTYGOSTYADDFKE 66

## RESULT 5

US-08-356-786-4  
; Sequence 4, Application US/08356786  
; Patent No. 5877305  
; GENERAL INFORMATION:  
; APPLICANT: Huston, James S.  
; APPLICANT: Oppermann, Hermann  
; APPLICANT: Houston, L. L.  
; TITLE OF INVENTION: Biosynthetic Binding Protein for Cancer  
; TITLE OF INVENTION: Marker  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Edmund R. Pitcher, Teesta, Hurwitz, & Thibault  
; STREET: Exchange Place, 53 State Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/356,786  
; FILING DATE:  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/831,967  
; FILING DATE: 06-FEB-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Pitcher, Edmund R.  
; REGISTRATION NUMBER: 27,829  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617) 248-7000  
; TELEFAX: (617) 248-7100  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 243 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-356-786-4

Query Match 100.0%; Score 97; DB 2; Length 243;  
Best Local Similarity 100.0%; Pred. No. 4,4e-07;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 WINTYGOSTYADDFKE 17  
|||  
Db 50 WINTYGOSTYADDFKE 66

## RESULT 6

US-08-356-786-10  
; Sequence 10, Application US/08356786  
; Patent No. 5877305  
; GENERAL INFORMATION:  
; APPLICANT: Huston, James S.  
; APPLICANT: Oppermann, Hermann  
; APPLICANT: Houston, L. L.  
; APPLICANT: Ring, David B.

TITLE OF INVENTION: Biosynthetic Binding Protein for Cancer  
TITLE OF INVENTION: Marker  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Edmund R. Pitcher, Teesta, Hurwitz, & Thibault  
STREET: Exchange Place, 53 State Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/356,786  
FILING DATE:  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/831,967  
FILING DATE: 06-FEB-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Pitcher, Edmund R.  
REGISTRATION NUMBER: 27,829  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 248-7000  
TELEFAX: (617) 248-7100  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 534 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-356-786-10

Query Match 100.0%; Score 97; DB 2; Length 534;  
Best Local Similarity 100.0%; Pred. No. 9,8e-07;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 WINTYGOSTYADDFKE 17  
|||  
Db 339 WINTYGOSTYADDFKE 355

## RESULT 7

US-08-875-811-53  
; Sequence 53, Application US/08875811  
; Patent No. 6045793  
; GENERAL INFORMATION:  
; APPLICANT: Rydak, Susanna M.  
; APPLICANT: Newton, Diane L.  
; APPLICANT: Boque, Lluís  
; APPLICANT: Mlodawer, Alexander  
; TITLE OF INVENTION: Recombinant Ribonuclease Proteins  
; NUMBER OF SEQUENCES: 64  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/875,811  
; FILING DATE: 19-FEB-1998  
; CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US97/02588  
FILING DATE: 19-FEB-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/011,800  
FILING DATE: 21-FEB-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Paris, Susan K.  
REGISTRATION NUMBER: 41,739  
REFERENCE/DOCKET NUMBER: 015280-244100US  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 53:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 365 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-875-811-53

Query Match 91.8%; Score 89; DB 3; Length 365;  
Best Local Similarity 93.8%; Pred. No. 1.1e-05;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 WINTYTGOSTYADDFK 16  
|||||:|||||  
Db 168 WINTYTGESTYADDFK 183

RESULT 8  
US-08-875-811-55  
Sequence 55, Application US/08875811  
Patent No. 6045793  
GENERAL INFORMATION:  
APPLICANT: Rybak, Susanna M.  
APPLICANT: Newton, Dianne L.  
APPLICANT: Bogue, Luis  
APPLICANT: Wlodawer, Alexander  
TITLE OF INVENTION: Recombinant Ribonuclease Proteins  
NUMBER OF SEQUENCES: 64  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/875,811  
FILING DATE: 19-FEB-1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US97/02588  
FILING DATE: 19-FEB-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/011,800  
FILING DATE: 21-FEB-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Paris, Susan K.  
REGISTRATION NUMBER: 41,739  
REFERENCE/DOCKET NUMBER: 015280-244100US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 55:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 366 amino acids

TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-875-811-55

Query Match 91.8%; Score 89; DB 3; Length 366;  
Best Local Similarity 93.8%; Pred. No. 1.1e-05;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 WINTYTGOSTYADDFK 16  
|||||:|||||  
Db 51 WINTYTGESTYADDFK 66

RESULT 9  
US-08-279-772A-6  
Sequence 6, Application US/08279772A  
Patent No. 6080560  
GENERAL INFORMATION:  
APPLICANT: Russell, David R  
APPLICANT: Fuller, James T  
TITLE OF INVENTION: Method for Producing Antibodies in Plant  
NUMBER OF SEQUENCES: 9  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Quarles and Brady  
STREET: PO Box 2113  
CITY: Madison  
STATE: WI  
COUNTRY: United States of America  
ZIP: 53701-2113  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/279,772A  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Seay, Nicholas U.  
REGISTRATION NUMBER: 27,386  
REFERENCE/DOCKET NUMBER: 11-229-9097-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 608-251-5000  
TELEFAX: 608-251-9166  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 252 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-279-772A-6  
Query Match 89.7%; Score 87; DB 3; Length 252;  
Best Local Similarity 93.8%; Pred. No. 1.5e-05;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 WINTYTGOSTYADDFK 16  
|||||:|||||  
Db 180 WINTYTGOPYADDFK 195

RESULT 10  
US-08-902-486-9  
Sequence 9, Application US/08902486  
Patent No. 6140075  
GENERAL INFORMATION:  
APPLICANT: Russell, David R.  
APPLICANT: Fuller, James T.  
TITLE OF INVENTION: METHOD FOR PRODUCING ANTIBODIES AND  
PROTEIN TOXINS IN PLANT CELLS

NUMBER OF SEQUENCES: 15  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Charles & Brady  
STREET: 1 South Pinckney Street  
CITY: Madison  
STATE: WI  
COUNTRY: US  
ZIP: 53701-2113  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/902,486  
FILING DATE:  
CLASSIFICATION: 800  
ATTORNEY/AGENT INFORMATION:  
NAME: Seay, Nicholas J.  
REGISTRATION NUMBER: 27386  
REFERENCE/DOCKET NUMBER: 670513.90261  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 608-251-5000  
TELEFAX: 608-251-9166  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 252 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-902-486-9

Query Match 89.7%; Score 87; DB 3; Length 252;  
Best Local Similarity 93.8%; Pred. No. 1.5e-05;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1 WINTYGSTYADDFK 16  
Db 180 WINTYGSTYADDFK 195

RESULT 11  
US-09-485-737B-102  
Sequence 102, Application US/09485737B  
Patent No. 6350860  
GENERAL INFORMATION:  
APPLICANT: Buyse, Marie-Ange  
APPLICANT: Sablon, Erwin  
TITLE OF INVENTION: INTERFERON-gamma-BINDING MOLECULES FOR TREATING SEPTIC SHOCK,  
FILE REFERENCE: INNS:015  
CURRENT APPLICATION NUMBER: US/09/485,737B  
CURRENT FILING DATE: 2000-02-14  
PRIOR APPLICATION NUMBER: PCT/EP 98/05165  
PRIOR FILING DATE: 1998-08-14  
PRIOR APPLICATION NUMBER: EPO 98870139.7  
PRIOR FILING DATE: 1998-06-18  
PRIOR APPLICATION NUMBER: EPO 97870122.5  
PRIOR FILING DATE: 1997-08-18  
NUMBER OF SEQ ID NOS: 104  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 102  
LENGTH: 230  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: SYNTHETIC  
US-09-485-737B-102

Query Match 87.6%; Score 85; DB 3; Length 230;  
Best Local Similarity 87.5%; Pred. No. 2.7e-05;  
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Oy 1 WINTYGSTYADDFK 16  
Db 50 WINTYGSTYADDFK 65

RESULT 12  
US-10-071-485-102  
Sequence 102, Application US/10071485  
Patent No. 6830752  
GENERAL INFORMATION:  
APPLICANT: Buyse, Marie-Ange  
APPLICANT: Sablon, Erwin  
TITLE OF INVENTION: INTERFERON-gamma-BINDING MOLECULES FOR TREATING SEPTIC  
SHOCK,  
FILE REFERENCE: INNS:015  
CURRENT APPLICATION NUMBER: US/10/071,485  
CURRENT FILING DATE: 2002-02-07  
PRIOR APPLICATION NUMBER: 09/485,737  
PRIOR FILING DATE: 2000-02-14  
PRIOR APPLICATION NUMBER: PCT/EP 98/05165  
PRIOR FILING DATE: 1998-08-14  
PRIOR APPLICATION NUMBER: EPO 98870139.7  
PRIOR FILING DATE: 1998-06-18  
PRIOR APPLICATION NUMBER: EPO 97870122.5  
PRIOR FILING DATE: 1997-08-18  
NUMBER OF SEQ ID NOS: 104  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 102  
LENGTH: 230  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: SYNTHETIC  
US-10-071-485-102

Query Match 87.6%; Score 85; DB 4; Length 230;  
Best Local Similarity 87.5%; Pred. No. 2.7e-05;  
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Oy 1 WINTYGSTYADDFK 16  
Db 50 WINTYGSTYADDFK 65

RESULT 13  
US-09-485-737B-93  
Sequence 93, Application US/09485737B  
Patent No. 6350860  
GENERAL INFORMATION:  
APPLICANT: Buyse, Marie-Ange  
APPLICANT: Sablon, Erwin  
TITLE OF INVENTION: INTERFERON-gamma-BINDING MOLECULES FOR TREATING SEPTIC SHOCK,  
FILE REFERENCE: INNS:015  
CURRENT APPLICATION NUMBER: US/09/485,737B  
CURRENT FILING DATE: 2000-02-14  
PRIOR APPLICATION NUMBER: PCT/EP 98/05165  
PRIOR FILING DATE: 1998-08-14  
PRIOR APPLICATION NUMBER: EPO 98870139.7  
PRIOR FILING DATE: 1998-06-18  
PRIOR APPLICATION NUMBER: EPO 97870122.5  
PRIOR FILING DATE: 1997-08-18  
NUMBER OF SEQ ID NOS: 104  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 93  
LENGTH: 235  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: SYNTHETIC  
US-09-485-737B-93

Query Match 87.6%; Score 85; DB 3; Length 235;  
Best Local Similarity 87.5%; Pred. No. 2.8e-05;  
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 WINTYGOSTYADDFK 16  
|||||:|||||  
DB 50 WINTYGESTYVDDFK 65

## RESULT 14

US-10-071-485-93  
; Sequence 93, Application US/10071485  
; Patent No. 6830752  
; GENERAL INFORMATION:  
; APPLICANT: Buysse, Marie-Ange  
; APPLICANT: Sablon, Erwin  
; TITLE OF INVENTION: INTERFERON-gamma-BINDING MOLECULES FOR TREATING SEPTIC  
; TITLE OF INVENTION: SHOCK,  
; FILE REFERENCE: INNS:015  
; CURRENT APPLICATION NUMBER: US/10/071,485  
; CURRENT FILING DATE: 2002-02-07  
; PRIOR APPLICATION NUMBER: 09/485,737  
; PRIOR FILING DATE: 2000-02-14  
; PRIOR APPLICATION NUMBER: PCT/EP 98/05165  
; PRIOR FILING DATE: 1998-08-14  
; PRIOR APPLICATION NUMBER: EPO 98870139.7  
; PRIOR FILING DATE: 1998-06-18  
; PRIOR APPLICATION NUMBER: EPO 97870122.5  
; PRIOR FILING DATE: 1997-08-18  
; NUMBER OF SEQ ID NOS: 104  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 93  
; LENGTH: 235  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: SYNTHETIC  
US-10-071-485-93

Query Match 87.6%; Score 85; DB 4; Length 235;  
Best Local Similarity 87.5%; Pred. No. 2.8e-05;  
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 WINTYGOSTYADDFK 16  
|||||:|||||  
DB 50 WINTYGESTYVDDFK 65

## RESULT 15

US-09-485-737B-91  
; Sequence 91, Application US/09485737B  
; Patent No. 6350860  
; GENERAL INFORMATION:  
; APPLICANT: Buysse, Marie-Ange  
; APPLICANT: Sablon, Erwin  
; TITLE OF INVENTION: INTERFERON-gamma-BINDING MOLECULES FOR TREATING SEPTIC SHOCK,  
; FILE REFERENCE: INNS:015  
; CURRENT APPLICATION NUMBER: US/09/485,737B  
; CURRENT FILING DATE: 2000-02-14  
; PRIOR APPLICATION NUMBER: PCT/EP 98/05165  
; PRIOR FILING DATE: 1998-08-14  
; PRIOR APPLICATION NUMBER: EPO 98870139.7  
; PRIOR FILING DATE: 1998-06-18  
; PRIOR APPLICATION NUMBER: EPO 97870122.5  
; PRIOR FILING DATE: 1997-08-18  
; NUMBER OF SEQ ID NOS: 104  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 91  
; LENGTH: 240  
; TYPE: PRT  
; ORGANISM: Artificial Sequence

; FEATURE:  
; OTHER INFORMATION: SYNTHETIC  
US-09-485-737B-91

Query Match 87.6%; Score 85; DB 3; Length 240;  
Best Local Similarity 87.5%; Pred. No. 2.8e-05;  
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 WINTYGOSTYADDFK 16  
|||||:|||||  
DB 50 WINTYGESTYVDDFK 65

Search completed: August 22, 2005, 15:02:24  
Job time : 34 secs

GenCore version 5.1.6  
Copyright (c) 1993 - 2005 Comugen Ltd.

OM protein - protein search, using sw model

Run on: August 22, 2005, 15:00:04 ; Search time 115.812 Seconds

(without alignments)  
57.481 Million cell updates/sec

Title: US-09-887-853-6\_COPY\_50\_66

Perfect score: 97

Sequence: 1 WINTYGTGSTYADDFKE 17

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1759131 seqs, 391586102 residues

Total number of hits satisfying chosen parameters: 1759131

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing:

Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database: Published Applications AA:\*

1: /cgn2\_6/ptodata/1/pubppaa/US07\_PUBCOMB.pep.\*  
2: /cgn2\_6/ptodata/1/pubppaa/US06\_NEW\_PUB.pep.\*  
3: /cgn2\_6/ptodata/1/pubppaa/US06\_NEW\_PUB.pep.\*  
4: /cgn2\_6/ptodata/1/pubppaa/US06\_PUBCOMB.pep.\*  
5: /cgn2\_6/ptodata/1/pubppaa/US07\_NEW\_PUB.pep.\*  
6: /cgn2\_6/ptodata/1/pubppaa/PTUS\_PUBCOMB.pep.\*  
7: /cgn2\_6/ptodata/1/pubppaa/US08\_NEW\_PUB.pep.\*  
8: /cgn2\_6/ptodata/1/pubppaa/US08\_PUBCOMB.pep.\*  
9: /cgn2\_6/ptodata/1/pubppaa/US09\_PUBCOMB.pep.\*  
10: /cgn2\_6/ptodata/1/pubppaa/US09\_PUBCOMB.pep.\*  
11: /cgn2\_6/ptodata/1/pubppaa/US09C\_PUBCOMB.pep.\*  
12: /cgn2\_6/ptodata/1/pubppaa/US09C\_NEW\_PUB.pep.\*  
13: /cgn2\_6/ptodata/1/pubppaa/US10\_PUBCOMB.pep.\*  
14: /cgn2\_6/ptodata/1/pubppaa/US10\_PUBCOMB.pep.\*  
15: /cgn2\_6/ptodata/1/pubppaa/US10C\_PUBCOMB.pep.\*  
16: /cgn2\_6/ptodata/1/pubppaa/US10C\_PUBCOMB.pep.\*  
17: /cgn2\_6/ptodata/1/pubppaa/US10\_PUBCOMB.pep.\*  
18: /cgn2\_6/ptodata/1/pubppaa/US10\_NEW\_PUB.pep.\*  
19: /cgn2\_6/ptodata/1/pubppaa/US11\_PUBCOMB.pep.\*  
20: /cgn2\_6/ptodata/1/pubppaa/US11\_NEW\_PUB.pep.\*  
21: /cgn2\_6/ptodata/1/pubppaa/US60\_NEW\_PUB.pep.\*  
22: /cgn2\_6/ptodata/1/pubppaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	97	100.0	243	9 US-09-887-853-6	Sequence 6, Appl1
2	97	100.0	243	17 US-10-627-556-410	Sequence 6, Appl1
3	97	100.0	267	9 US-09-766-543-10	Sequence 10, Appl1
4	97	100.0	276	9 US-09-766-543-12	Sequence 12, Appl1
5	89	91.8	116	9 US-09-971-543-8	Sequence 8, Appl1
6	89	91.8	253	9 US-09-971-543-2	Sequence 2, Appl1
7	87	89.7	121	18 US-10-627-556-406	Sequence 406, App
8	87	89.7	121	18 US-10-627-556-410	Sequence 410, App
9	87	89.7	268	18 US-10-627-556-408	Sequence 408, App
10	87	89.7	268	18 US-10-627-556-412	Sequence 412, App
11	87	89.7	501	18 US-10-627-556-416	Sequence 416, App

12	87	89.7	507	18 US-10-627-556-414	Sequence 414, App
13	85	87.6	230	14 US-10-071-485-102	Sequence 102, App
14	85	87.6	230	18 US-10-985-581-102	Sequence 102, App
15	85	87.6	235	14 US-10-071-485-93	Sequence 93, App
16	85	87.6	235	18 US-10-985-581-93	Sequence 93, App
17	85	87.6	240	14 US-10-071-485-91	Sequence 91, App
18	85	87.6	240	18 US-10-985-581-91	Sequence 91, App
19	85	87.6	267	14 US-10-071-485-2	Sequence 2, Appl1
20	85	87.6	267	18 US-10-985-581-2	Sequence 2, Appl1
21	85	87.6	468	14 US-10-071-485-67	Sequence 67, Appl1
22	85	87.6	468	18 US-10-985-581-67	Sequence 67, Appl1
23	85	87.6	541	14 US-10-071-485-85	Sequence 85, Appl1
24	85	87.6	541	18 US-10-985-581-85	Sequence 85, Appl1
25	85	87.6	711	14 US-10-071-485-90	Sequence 90, Appl1
26	85	87.6	711	18 US-10-985-581-90	Sequence 90, Appl1
27	84	86.6	17	10 US-09-791-551-86	Sequence 86, Appl1
28	84	86.6	17	16 US-10-018-245A-2	Sequence 2, Appl1
29	84	86.6	17	16 US-10-467-253-5	Sequence 5, Appl1
30	84	86.6	67	14 US-10-243-130-19	Sequence 19, Appl1
31	84	86.6	70	14 US-10-243-130-17	Sequence 17, Appl1
32	84	86.6	70	14 US-10-243-130-18	Sequence 18, Appl1
33	84	86.6	70	17 US-10-901-650-17	Sequence 17, Appl1
34	84	86.6	70	17 US-10-901-650-18	Sequence 18, Appl1
35	84	86.6	70	17 US-10-901-650-19	Sequence 19, Appl1
36	84	86.6	112	15 US-10-383-447-10	Sequence 10, Appl1
37	84	86.6	112	15 US-10-383-447-18	Sequence 18, Appl1
38	84	86.6	113	16 US-10-830-899-50	Sequence 50, Appl1
39	84	86.6	113	16 US-10-830-899-57	Sequence 57, Appl1
40	84	86.6	113	17 US-10-861-662-50	Sequence 50, Appl1
41	84	86.6	113	17 US-10-861-662-57	Sequence 57, Appl1
42	84	86.6	116	14 US-10-138-727A-2	Sequence 2, Appl1
43	84	86.6	116	14 US-10-138-727A-18	Sequence 18, Appl1
44	84	86.6	116	14 US-10-138-727A-19	Sequence 19, Appl1
45	84	86.6	116	14 US-10-138-727A-20	Sequence 20, Appl1

## ALIGNMENTS

RESULT 1  
US-09-887-853-6  
Sequence 6, Application US/09887853  
Patent No. US20020168375A1

GENERAL INFORMATION:  
APPLICANT: Huston, James S.  
Opfermann, Hermann  
Houston, L. L.  
Ring, David B.

TITLE OF INVENTION: Biosynthetic Binding Proteins For  
Imaging

NUMBER OF SEQUENCES: 11

CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Testa, Hurwitz & Thibault/Patent Department  
STREET: Exchange Place, 53 State Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/887,853  
FILING DATE: 21-Jun-2001  
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/133,804  
FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:  
NAME: Kelley, Robin D.  
REGISTRATION NUMBER: 34,637

```

; REFERENCE/DOCKET NUMBER: 2054/22
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-248-7477
; TELEFAX: 617-248-7100
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 243 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-887-853-6

Query Match          100.0%; Score 97; DB 9; Length 243;
Best Local Similarity 100.0%; Pred. No. 4,1e-07;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 WINTYTGSTYADDFKE 17
        |||||
        50 WINTYTGSTYADDFKE 66

RESULT 2
US-10-683-547-6
; Sequence 6, Application US/10683547
; Publication No. US20050058638A1
; GENERAL INFORMATION:
; APPLICANT: Huston, J.
; APPLICANT: Houston, L.L.
; APPLICANT: Ring, D.
; APPLICANT: Oppermann, H.
; TITLE OF INVENTION: BIOSYNTHETIC BINDING PROTEINS FOR IMMUNO-TARGETING
; FILE REFERENCE: CIBT-P01-130
; CURRENT APPLICATION NUMBER: US/10/683,547
; CURRENT FILING DATE: 2003-10-10
; PRIOR APPLICATION NUMBER: US/09/558,741
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 07/831,967
; PRIOR FILING DATE: 1992-02-06
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 6
; LENGTH: 243
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 520C9 sFv
US-10-683-547-6

Query Match          100.0%; Score 97; DB 17; Length 243;
Best Local Similarity 100.0%; Pred. No. 4,1e-07;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 WINTYTGSTYADDFKE 17
        |||||
        50 WINTYTGSTYADDFKE 66

RESULT 3
US-09-766-543-10
; Sequence 10, Application US/09766543
; Patent No. US20020041865A1
; GENERAL INFORMATION:
; APPLICANT: Austin, Richard
; APPLICANT: Kwok, Cheuk S.
; APPLICANT: Ring, David B.
; TITLE OF INVENTION: METHODS FOR TREATING TUMORS
; FILE REFERENCE: PP01679,002
; CURRENT APPLICATION NUMBER: US/09/766,543
; CURRENT FILING DATE: 2000-01-19
; PRIOR APPLICATION NUMBER: 60/177,258
; PRIOR FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 14
```

```

; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 10
; LENGTH: 267
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: 520C9
; OTHER INFORMATION: humanized single-chain antibody used in the
; OTHER INFORMATION: IL-2-antibody fusions
US-09-766-543-10

Query Match          100.0%; Score 97; DB 9; Length 267;
Best Local Similarity 100.0%; Pred. No. 4,5e-07;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 WINTYTGSTYADDFKE 17
        |||||
        72 WINTYTGSTYADDFKE 88

RESULT 4
US-09-766-543-12
; Sequence 12, Application US/09766543
; Patent No. US20020041865A1
; GENERAL INFORMATION:
; APPLICANT: Austin, Richard
; APPLICANT: Kwok, Cheuk S.
; APPLICANT: Ring, David B.
; TITLE OF INVENTION: METHODS FOR TREATING TUMORS
; FILE REFERENCE: PP01679,002
; CURRENT APPLICATION NUMBER: US/09/766,543
; CURRENT FILING DATE: 2000-01-19
; PRIOR APPLICATION NUMBER: 60/177,258
; PRIOR FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 12
; LENGTH: 276
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: H520C9sFv plus
US-09-766-543-12

Query Match          100.0%; Score 97; DB 9; Length 276;
Best Local Similarity 100.0%; Pred. No. 4,7e-07;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 WINTYTGSTYADDFKE 17
        |||||
        72 WINTYTGSTYADDFKE 88

RESULT 5
US-09-971-543-8
; Sequence 8, Application US/0971543
; Patent No. US20020146846A1
; GENERAL INFORMATION:
; APPLICANT: PLUCKTHUN, ANDREAS
; APPLICANT: HONEGGER, ANNEMARIE
; APPLICANT: WILDHA, JORG
; TITLE OF INVENTION: NOVEL METHOD FOR THE STABILIZATION OF CHIMERIC
; TITLE OF INVENTION: IMMUNOGLOBULINS OR IMMUNOGLOBULIN FRAGMENTS, AND
; TITLE OF INVENTION: STABILIZED ANTI-BGP-2 scFv FRAGMENT
; FILE REFERENCE: PLUCK-3 CON
; CURRENT APPLICATION NUMBER: US/09/971,543
; CURRENT FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: PCT/EP00/03176
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: EP 99 10 7030.1
; PRIOR FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 12
```

```
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 116
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-971-543-8

Query Match          91.8%; Score 89; DB 9; Length 116;
Best Local Similarity 93.8%; Pred. No. 3.5e-06;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Cy          1 WINTYGOSTYADDFK 16
Db          50 WINTYGOSTYADDFK 65

RESULT 6
US-09-971-543-2
; Sequence 2, Application US/09971543
; Patent No. US20020146846A1
; GENERAL INFORMATION:
; APPLICANT: FLUCKTHUN, ANDREAS
; APPLICANT: HONEGGER, ANNEMARIE
; APPLICANT: WILDUDA, JORG
; TITLE OF INVENTION: NOVEL METHOD FOR THE STABILIZATION OF CHIMERIC
; TITLE OF INVENTION: IMMUNOGLOBULINS OR IMMUNOGLOBULIN FRAGMENTS, AND
; TITLE OF INVENTION: STABILIZED ANTI-BCP-2 scFv FRAGMENT
; FILE REFERENCE: PLUCK-3 CON
; CURRENT APPLICATION NUMBER: US/09/971,543
; CURRENT FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: PCT/EP00/03176
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: EP 99 10 7030.1
; PRIOR FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 253
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-971-543-2

Query Match          91.8%; Score 89; DB 9; Length 253;
Best Local Similarity 93.8%; Pred. No. 7.9e-06;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Cy          1 WINTYGOSTYADDFK 16
Db          187 WINTYGOSTYADDFK 202

RESULT 7
US-10-627-556-406
; Sequence 406, Application US/10627556
; Publication No. US20050136049A1
; GENERAL INFORMATION:
; APPLICANT: LEDBETTER, JEFFREY A.
; APPLICANT: HAYDEN-LEDBETTER, MARTHA
; APPLICANT: THOMPSON, PETER A.
; TITLE OF INVENTION: BINDING CONSTRUCTS AND METHODS FOR USE THEREOF
; FILE REFERENCE: 48076.000004.CIP2
; CURRENT APPLICATION NUMBER: US/10/627,556
; CURRENT FILING DATE: 2003-07-26
; PRIOR APPLICATION NUMBER: 10/053,530
; PRIOR FILING DATE: 2002-01-17
; PRIOR APPLICATION NUMBER: 60/367,358
; PRIOR FILING DATE: 2002-01-16
; PRIOR FILING DATE: 2001-01-17
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/385,691
; PRIOR FILING DATE: 2002-06-03
; NUMBER OF SEQ ID NOS: 699
; SOFTWARE: PatentIn version 3.2
```

```
; SEQ ID NO 406
; LENGTH: 121
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-627-556-406

Query Match          89.7%; Score 87; DB 18; Length 121;
Best Local Similarity 93.8%; Pred. No. 7.7e-06;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy          1 WINTYGOSTYADDFK 16
Db          50 WINTYGOSTYADDFK 65

RESULT 8
US-10-627-556-410
; Sequence 410, Application US/10627556
; Publication No. US20050136049A1
; GENERAL INFORMATION:
; APPLICANT: LEDBETTER, JEFFREY A.
; APPLICANT: HAYDEN-LEDBETTER, MARTHA
; APPLICANT: THOMPSON, PETER A.
; TITLE OF INVENTION: BINDING CONSTRUCTS AND METHODS FOR USE THEREOF
; FILE REFERENCE: 48076.000004.CIP2
; CURRENT APPLICATION NUMBER: US/10/627,556
; CURRENT FILING DATE: 2003-07-26
; PRIOR APPLICATION NUMBER: 10/053,530
; PRIOR FILING DATE: 2002-01-17
; PRIOR APPLICATION NUMBER: 60/367,358
; PRIOR FILING DATE: 2002-01-16
; PRIOR APPLICATION NUMBER: 09/765,208
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/385,691
; PRIOR FILING DATE: 2002-06-03
; NUMBER OF SEQ ID NOS: 699
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 410
; LENGTH: 121
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-627-556-410

Query Match          89.7%; Score 87; DB 18; Length 121;
Best Local Similarity 93.8%; Pred. No. 7.7e-06;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy          1 WINTYGOSTYADDFK 16
Db          50 WINTYGOSTYADDFK 65

RESULT 9
US-10-627-556-408
; Sequence 408, Application US/10627556
; Publication No. US20050136049A1
; GENERAL INFORMATION:
; APPLICANT: LEDBETTER, JEFFREY A.
; APPLICANT: HAYDEN-LEDBETTER, MARTHA
; APPLICANT: THOMPSON, PETER A.
; TITLE OF INVENTION: BINDING CONSTRUCTS AND METHODS FOR USE THEREOF
; FILE REFERENCE: 48076.000004.CIP2
; CURRENT APPLICATION NUMBER: US/10/627,556
; CURRENT FILING DATE: 2003-07-26
; PRIOR APPLICATION NUMBER: 10/053,530
; PRIOR FILING DATE: 2002-01-17
; PRIOR APPLICATION NUMBER: 60/367,358
```

```
/ PRIOR FILING DATE: 2002-01-16
/ PRIOR APPLICATION NUMBER: 09/765,208
/ PRIOR FILING DATE: 2001-01-17
/ PRIOR APPLICATION NUMBER: 60/385,691
/ PRIOR FILING DATE: 2002-06-03
/ NUMBER OF SEQ ID NOS: 699
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 408
/ LENGTH: 268
/ TYPE: PRT
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-627-556-408
```

```
Query Match      89.7%; Score 87; DB 18; Length 268;
Best Local Similarity 93.8%; Pred. No. 1,7e-05;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1 WINTYTGOSTYADDFK 16
Db      197 WINTYTGOPYADDFK 212
```

```
RESULT 10
US-10-627-556-412
/ Sequence 412, Application US/10627556
/ Publication No. US20050136049A1
/ GENERAL INFORMATION:
/ APPLICANT: LEDBETTER, JEFFREY A.
/ APPLICANT: HAYDEN-LEDBETTER, MARTHA
/ APPLICANT: THOMPSON, PETER A.
/ TITLE OF INVENTION: BINDING CONSTRUCTS AND METHODS FOR USE THEREOF
/ FILE REFERENCE: 49076.000004.CIP2
/ CURRENT APPLICATION NUMBER: US/10/627,556
/ PRIOR FILING DATE: 2003-07-26
/ PRIOR APPLICATION NUMBER: 10/053,530
/ PRIOR FILING DATE: 2002-01-17
/ PRIOR APPLICATION NUMBER: 60/367,358
/ PRIOR FILING DATE: 2002-01-16
/ PRIOR APPLICATION NUMBER: 09/765,208
/ PRIOR FILING DATE: 2001-01-17
/ PRIOR APPLICATION NUMBER: 60/385,691
/ PRIOR FILING DATE: 2002-06-03
/ NUMBER OF SEQ ID NOS: 699
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 412
/ LENGTH: 268
/ TYPE: PRT
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-627-556-412
```

```
Query Match      89.7%; Score 87; DB 18; Length 268;
Best Local Similarity 93.8%; Pred. No. 1,7e-05;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1 WINTYTGOSTYADDFK 16
Db      197 WINTYTGOPYADDFK 212
```

```
RESULT 11
US-10-627-556-416
/ Sequence 416, Application US/10627556
/ Publication No. US20050136049A1
/ GENERAL INFORMATION:
/ APPLICANT: LEDBETTER, JEFFREY A.
/ APPLICANT: HAYDEN-LEDBETTER, MARTHA
/ APPLICANT: THOMPSON, PETER A.
```

```
/ TITLE OF INVENTION: BINDING CONSTRUCTS AND METHODS FOR USE THEREOF
/ FILE REFERENCE: 49076.000004.CIP2
/ CURRENT APPLICATION NUMBER: US/10/627,556
/ CURRENT FILING DATE: 2003-07-26
/ PRIOR APPLICATION NUMBER: 10/053,530
/ PRIOR FILING DATE: 2002-01-17
/ PRIOR APPLICATION NUMBER: 60/367,358
/ PRIOR FILING DATE: 2002-01-16
/ PRIOR APPLICATION NUMBER: 09/765,208
/ PRIOR FILING DATE: 2001-01-17
/ PRIOR APPLICATION NUMBER: 60/385,691
/ PRIOR FILING DATE: 2002-06-03
/ NUMBER OF SEQ ID NOS: 699
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 416
/ LENGTH: 501
/ TYPE: PRT
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-627-556-416
```

```
Query Match      89.7%; Score 87; DB 18; Length 501;
Best Local Similarity 93.8%; Pred. No. 3.3e-05;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1 WINTYTGOSTYADDFK 16
Db      197 WINTYTGOPYADDFK 212
```

```
RESULT 12
US-10-627-556-414
/ Sequence 414, Application US/10627556
/ Publication No. US20050136049A1
/ GENERAL INFORMATION:
/ APPLICANT: LEDBETTER, JEFFREY A.
/ APPLICANT: HAYDEN-LEDBETTER, MARTHA
/ APPLICANT: THOMPSON, PETER A.
/ TITLE OF INVENTION: BINDING CONSTRUCTS AND METHODS FOR USE THEREOF
/ FILE REFERENCE: 49076.000004.CIP2
/ CURRENT APPLICATION NUMBER: US/10/627,556
/ CURRENT FILING DATE: 2003-07-26
/ PRIOR APPLICATION NUMBER: 10/053,530
/ PRIOR FILING DATE: 2002-01-17
/ PRIOR APPLICATION NUMBER: 60/367,358
/ PRIOR FILING DATE: 2002-01-16
/ PRIOR APPLICATION NUMBER: 09/765,208
/ PRIOR FILING DATE: 2001-01-17
/ PRIOR APPLICATION NUMBER: 60/385,691
/ PRIOR FILING DATE: 2002-06-03
/ NUMBER OF SEQ ID NOS: 699
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 414
/ LENGTH: 507
/ TYPE: PRT
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-627-556-414
```

```
Query Match      89.7%; Score 87; DB 18; Length 507;
Best Local Similarity 93.8%; Pred. No. 3.3e-05;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1 WINTYTGOSTYADDFK 16
Db      197 WINTYTGOPYADDFK 212
```

RESULT 13



US-10-071-485-102  
; Sequence 102, Application US/10071485  
; Publication No. US2003009648A1  
; GENERAL INFORMATION:  
; APPLICANT: Buyee, Marie-Ange  
; APPLICANT: Sablon, Erwin  
; TITLE OF INVENTION: INTERFERON-gamma-BINDING MOLECULES FOR TREATING SEPTIC SHOCK,  
; TITLE OF INVENTION: SHOCK,  
; TITLE OF INVENTION: CACHEXIA, IMMUNE DISEASES AND SKIN DISORDERS  
; FILE REFERENCE: INNS:015  
; CURRENT APPLICATION NUMBER: US/10/071,485  
; PRIOR FILING DATE: 2002-02-07  
; PRIOR APPLICATION NUMBER: 09/485,737  
; PRIOR FILING DATE: 2000-02-14  
; PRIOR APPLICATION NUMBER: PCT/EP 98/05165  
; PRIOR FILING DATE: 1998-08-14  
; PRIOR APPLICATION NUMBER: EPO 98870139.7  
; PRIOR FILING DATE: 1998-06-18  
; PRIOR APPLICATION NUMBER: EPO 97870122.5  
; PRIOR FILING DATE: 1997-08-18  
; NUMBER OF SEQ ID NOS: 104  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 102  
; LENGTH: 230  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: SYNTHETIC  
US-10-071-485-102

Query Match 87.6%; Score 85; DB 14; Length 230;  
Best Local Similarity 87.5%; Pred. No. 3.1e-05;

Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 WINTYQSTYADDFK 16  
|||:|||||  
DB 50 WINTYGESTYVDDFK 65

RESULT 14  
US-10-985-581-102  
; Sequence 102, Application US/10985581  
; Publication No. US20050129693A1  
; GENERAL INFORMATION:  
; APPLICANT: Buyee, Marie-Ange  
; APPLICANT: Sablon, Erwin  
; TITLE OF INVENTION: INTERFERON-gamma-BINDING MOLECULES FOR TREATING SEPTIC SHOCK,  
; TITLE OF INVENTION: CACHEXIA, IMMUNE DISEASES AND SKIN DISORDERS  
; FILE REFERENCE: 11362.0015, DVUS02  
; CURRENT APPLICATION NUMBER: US/10/985,581  
; PRIOR FILING DATE: 2004-11-10  
; PRIOR APPLICATION NUMBER: US 10/071,485  
; PRIOR FILING DATE: 2002-02-07  
; PRIOR APPLICATION NUMBER: US 09/485,737  
; PRIOR FILING DATE: 2000-02-14  
; PRIOR APPLICATION NUMBER: PCT/EP 98/05165  
; PRIOR FILING DATE: 1998-08-14  
; PRIOR APPLICATION NUMBER: EPO 98870139.7  
; PRIOR FILING DATE: 1998-06-18  
; PRIOR APPLICATION NUMBER: EPO 97870122.5  
; PRIOR FILING DATE: 1997-08-18  
; NUMBER OF SEQ ID NOS: 104  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 102  
; LENGTH: 230  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-10-985-581-102

Query Match 87.6%; Score 85; DB 19; Length 230;  
Best Local Similarity 87.5%; Pred. No. 3.1e-05;

Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;  
QY 1 WINTYQSTYADDFK 16  
|||:|||||  
DB 50 WINTYGESTYVDDFK 65

RESULT 15  
US-10-071-485-93  
; Sequence 93, Application US/10071485  
; Publication No. US2003009648A1  
; GENERAL INFORMATION:  
; APPLICANT: Buyee, Marie-Ange  
; APPLICANT: Sablon, Erwin  
; TITLE OF INVENTION: INTERFERON-gamma-BINDING MOLECULES FOR TREATING SEPTIC SHOCK,  
; TITLE OF INVENTION: SHOCK,  
; TITLE OF INVENTION: CACHEXIA, IMMUNE DISEASES AND SKIN DISORDERS  
; FILE REFERENCE: INNS:015  
; CURRENT APPLICATION NUMBER: US/10/071,485  
; PRIOR FILING DATE: 2002-02-07  
; PRIOR APPLICATION NUMBER: 09/485,737  
; PRIOR FILING DATE: 2000-02-14  
; PRIOR APPLICATION NUMBER: PCT/EP 98/05165  
; PRIOR FILING DATE: 1998-08-14  
; PRIOR APPLICATION NUMBER: EPO 98870139.7  
; PRIOR FILING DATE: 1998-06-18  
; PRIOR APPLICATION NUMBER: EPO 97870122.5  
; PRIOR FILING DATE: 1997-08-18  
; NUMBER OF SEQ ID NOS: 104  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 93  
; LENGTH: 235  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: SYNTHETIC  
US-10-071-485-93

Query Match 87.6%; Score 85; DB 14; Length 235;  
Best Local Similarity 87.5%; Pred. No. 3.1e-05;  
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 WINTYQSTYADDFK 16  
|||:|||||  
DB 50 WINTYGESTYVDDFK 65

Search completed: August 22, 2005, 15:38:25  
Job time : 115.812 secs

**This Page Blank (uspto)**

Mon Aug 22 15:46:58 2005

en Ltd.

GenCore version 2.0

Search time 10 Seconds

Copyright (c) 1993

Without alignments

37.325 Million cell updates/sec

OM protein - protein search, using

August 22, 2005

Run on: US-9649064 residues

Scoring: 30

Perfect score: 30

Sequence: 30

Scoring: 30

Sequence: 30

Sequence: 30

Sequence: 30

Sequence: 30

Sequence: 30

Sequence: 30

Sequence: 30

Sequence: 30

Sequence: 30

Sequence: 30

Sequence: 30

Sequence: 30

Sequence: 30

Sequence: 30

Sequence: 30

Sequence: 30

Sequence: 30

Sequence: 30

Sequence: 30

Sequence: 30

Sequence: 30

Sequence: 30

Sequence: 30

Sequence: 30

Sequence: 30

Sequence: 30

Sequence: 30

Sequence: 30

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No	Score	Query Match	Length	ID	Description
1	30	100.0	5	US-08-783-853A-8	Sequence 8, Appli
2	30	100.0	5	US-09-344-050-8	Sequence 8, Appli
3	30	100.0	74	US-09-134-001C-3503	Sequence 3503, Ap
4	30	100.0	92	US-08-783-853A-84	Sequence 84, Appli
5	30	100.0	92	US-09-344-050-84	Sequence 84, Appli
6	30	100.0	112	US-08-783-853A-20	Sequence 20, Appli
7	30	100.0	112	US-09-344-050-20	Sequence 20, Appli
8	30	100.0	115	US-08-483-749A-24	Sequence 24, Appli
9	30	100.0	117	US-08-249-013-6	Sequence 6, Appli
10	30	100.0	117	US-08-886-863-6	Sequence 6, Appli
11	30	100.0	117	US-09-175-229-6	Sequence 6, Appli
12	30	100.0	117	PCT-US95-06764-6	Sequence 6, Appli
13	30	100.0	118	US-08-425-336-124	Sequence 124, App
14	30	100.0	118	US-08-425-336-126	Sequence 126, App
15	30	100.0	118	US-08-488-113B-124	Sequence 124, App
16	30	100.0	118	US-08-488-113B-126	Sequence 126, App
17	30	100.0	118	US-08-477-848B-124	Sequence 124, App
18	30	100.0	118	US-08-477-848B-126	Sequence 126, App
19	30	100.0	118	US-08-107-669D-28	Sequence 28, Appli
20	30	100.0	118	US-08-107-669D-29	Sequence 29, Appli
21	30	100.0	118	US-08-107-669D-66	Sequence 66, Appli
22	30	100.0	118	US-08-107-669D-67	Sequence 67, Appli
23	30	100.0	118	US-08-472-788A-28	Sequence 28, Appli
24	30	100.0	118	US-08-472-788A-29	Sequence 29, Appli
25	30	100.0	118	US-08-472-788A-88	Sequence 88, Appli
26	30	100.0	118	US-08-472-788A-89	Sequence 89, Appli
27	30	100.0	118	US-08-477-531B-28	Sequence 28, Appli

28	30	100.0	118	2	US-08-477-531B-29	Sequence 29, Appli
29	30	100.0	118	2	US-08-477-531B-66	Sequence 66, Appli
30	30	100.0	118	2	US-08-477-531B-67	Sequence 67, Appli
31	30	100.0	118	2	US-08-646-360-124	Sequence 124, App
32	30	100.0	118	2	US-08-646-360-126	Sequence 126, App
33	30	100.0	118	2	US-08-082-842A-28	Sequence 28, Appli
34	30	100.0	118	2	US-08-082-842A-29	Sequence 29, Appli
35	30	100.0	118	2	US-08-082-842A-88	Sequence 88, Appli
36	30	100.0	118	2	US-08-082-842A-89	Sequence 89, Appli
37	30	100.0	118	3	US-08-839-765-124	Sequence 124, App
38	30	100.0	118	3	US-08-839-765-126	Sequence 126, App
39	30	100.0	118	3	US-09-136-389-124	Sequence 124, App
40	30	100.0	118	3	US-09-136-389-126	Sequence 126, App
41	30	100.0	118	3	US-09-610-838-124	Sequence 124, App
42	30	100.0	118	3	US-09-610-838-126	Sequence 126, App
43	30	100.0	118	4	US-09-440-781-96	Sequence 96, Appli
44	30	100.0	118	4	US-09-711-485-124	Sequence 124, App
45	30	100.0	118	4	US-09-711-485-126	Sequence 126, App

ALIGNMENTS

RESULT 1  
US-08-783-853A-8  
Sequence 8, Application US/08783853A  
Patent No. 6005091  
GENERAL INFORMATION:  
APPLICANT: Blackburn, Michael  
APPLICANT: Church, William  
APPLICANT: Gross, Mitchell  
APPLICANT: Feuersstein, Gloria  
APPLICANT: Nichols, Andrew  
APPLICANT: Padlan, Eduardo  
APPLICANT: Patel, Arunbhai  
APPLICANT: Sylvester, Daniel  
TITLE OF INVENTION: ANTICOAGULANT AGENTS USEFUL IN TREATMENT  
NUMBER OF SEQUENCES: 111  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SmithKline Beecham Corporation  
STREET: 709 Swedeland Road  
CITY: King of Prussia  
STATE: PA  
COUNTRY: USA  
ZIP: 19406  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/783,853A  
FILING DATE: 16-JAN-1997  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/029,119  
FILING DATE: 24-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Baumeister, Kirk  
REGISTRATION NUMBER: 33,833  
REFERENCE/DOCKET NUMBER: P50438  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 610-270-5096  
TELEFAX:  
TELEX:  
INFORMATION FOR SEQ. ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide

HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: internal  
ORIGINAL SOURCE:  
US-08-783-853A-8

Query Match 100.0%; Score 30; DB 3; Length 5;  
Best Local Similarity 100.0%; Pred. No. 4.1e+05;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5  
11111  
DB 1 NYGMN 5

## RESULT 2

US-09-344-050-8  
Sequence 8, Application US/09344050  
Patent No. 6391299

GENERAL INFORMATION:  
APPLICANT: Blackburn, Michael  
APPLICANT: Church, William  
APPLICANT: Gross, Mitchell  
APPLICANT: Feuerstein, Giora  
APPLICANT: Nichols, Andrew  
APPLICANT: Padlan, Eduardo  
APPLICANT: Patel, Arunbhai  
APPLICANT: Sylvester, Daniel  
TITLE OF INVENTION: ANTICOAGULANT AGENTS USEFUL IN TREATMENT  
TITLE OF INVENTION: OF THROMBOSIS  
NUMBER OF SEQUENCES: 111  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SmithKline Beecham Corporation  
STREET: 709 Swedeland Road  
CITY: King of Prussia  
STATE: PA  
COUNTRY: USA  
ZIP: 19406  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/344,050  
FILING DATE: 24-JUN-1999  
PRIORITY DATA:  
PRIORITY NUMBER: 08/783,853  
INVENTOR: 16-JAN-1997  
SEQUENCE INFORMATION:  
LENGTH: 33,833  
TYPE: NUMBER: P50438  
STRANDEDNESS: 36  
MOLECULE: 36  
HYPOTHETICAL TYPE: linear  
ANTI-SENSE: NO  
FRAGMENT TYPE: Peptide  
ORIGINAL TYPE: NO  
ORIGINAL SOURCE: internal

Query Match 100.0%;  
Best Local Similarity 100.0%;

Score 30; DB  
Pred. No. 4.1e+05;  
Matches 5;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 NYGMN 5  
11111  
DB 1 NYGMN 5

## RESULT 3

US-09-134-001C-3503  
Sequence 3503, Application US/09134001C  
Patent No. 6380370

GENERAL INFORMATION:  
APPLICANT: Lynn Doucette-Stamm et al  
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS  
TITLE OF INVENTION: EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS  
FILE REFERENCE: CTC-007  
CURRENT APPLICATION NUMBER: US/09/134,001C  
CURRENT FILING DATE: 1998-08-13  
PRIOR APPLICATION NUMBER: US 60/064,964  
PRIOR FILING DATE: 1997-11-08  
PRIOR APPLICATION NUMBER: US 60/055,779  
PRIOR FILING DATE: 1997-08-14  
NUMBER OF SEQ ID NOS: 5674  
SEQ ID NO 3503  
LENGTH: 74  
TYPE: PRT  
ORGANISM: Staphylococcus epidermidis  
US-09-134-001C-3503

Query Match 100.0%; Score 30; DB 3; Length 74;  
Best Local Similarity 100.0%; Pred. No. 24;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5  
11111  
DB 4 NYGMN 8

## RESULT 4

US-08-783-853A-84  
Sequence 84, Application US/08783853A  
Patent No. 6005091

GENERAL INFORMATION:  
APPLICANT: Blackburn, Michael  
APPLICANT: Church, William  
APPLICANT: Gross, Mitchell  
APPLICANT: Feuerstein, Giora  
APPLICANT: Nichols, Andrew  
APPLICANT: Padlan, Eduardo  
APPLICANT: Patel, Arunbhai  
APPLICANT: Sylvester, Daniel  
TITLE OF INVENTION: ANTICOAGULANT AGENTS USEFUL IN TREATMENT  
TITLE OF INVENTION: OF THROMBOSIS  
NUMBER OF SEQUENCES: 111  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SmithKline Beecham Corporation  
STREET: 709 Swedeland Road  
CITY: King of Prussia  
STATE: PA  
COUNTRY: USA  
ZIP: 19406  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/783,853A  
FILING DATE: 16-JAN-1997  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/029,119  
FILING DATE: 24-OCT-1996

ATTORNEY/AGENT INFORMATION:  
NAME: Baumeister, Kirk  
REGISTRATION NUMBER: 33,833  
REFERENCE/DOCKET NUMBER: P50438  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 610-270-5096  
TELEFAX:  
TELEX:  
INFORMATION FOR SEQ ID NO: 84:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 92 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: internal  
ORIGINAL SOURCE:  
US-08-783-853A-84

Query Match 100.0%; Score 30; DB 3; Length 92;  
Best Local Similarity 100.0%; Pred. No. 30;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 NYGMN 5  
Db 8 NYGMN 12

## RESULT 5

US-09-344-050-84  
Sequence 84, Application US/09344050  
Patent No. 6391299  
GENERAL INFORMATION:  
APPLICANT: Blackburn, Michael  
APPLICANT: Church, William  
APPLICANT: Gross, Mitchell  
APPLICANT: Feuerstein, Giora  
APPLICANT: Nichols, Andrew  
APPLICANT: Padian, Eduardo  
APPLICANT: Patel, Arunbhai  
APPLICANT: Sylvester, Daniel  
TITLE OF INVENTION: ANTICOAGULANT AGENTS USEFUL IN TREATMENT  
TITLE OF INVENTION: OF THROMBOSIS  
NUMBER OF SEQUENCES: 111  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SmithKline Beecham Corporation  
STREET: 709 Swedeland Road  
CITY: King of Prussia  
STATE: PA  
COUNTRY: USA  
ZIP: 19406  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/344,050  
FILING DATE: 24-JUN-1999  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/783,853  
FILING DATE: 16-JAN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Baumeister, Kirk  
REGISTRATION NUMBER: 33,833  
REFERENCE/DOCKET NUMBER: P50438  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 610-270-5096  
TELEFAX:  
TELEX:

INFORMATION FOR SEQ ID NO: 84:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 92 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: internal  
ORIGINAL SOURCE:  
US-09-344-050-84

Query Match 100.0%; Score 30; DB 3; Length 92;  
Best Local Similarity 100.0%; Pred. No. 30;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 NYGMN 5  
Db 8 NYGMN 12

## RESULT 6

US-08-783-853A-20  
Sequence 20, Application US/08783853A  
Patent No. 6005091  
GENERAL INFORMATION:  
APPLICANT: Blackburn, Michael  
APPLICANT: Church, William  
APPLICANT: Gross, Mitchell  
APPLICANT: Feuerstein, Giora  
APPLICANT: Nichols, Andrew  
APPLICANT: Padian, Eduardo  
APPLICANT: Patel, Arunbhai  
APPLICANT: Sylvester, Daniel  
TITLE OF INVENTION: ANTICOAGULANT AGENTS USEFUL IN TREATMENT  
TITLE OF INVENTION: OF THROMBOSIS  
NUMBER OF SEQUENCES: 111  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SmithKline Beecham Corporation  
STREET: 709 Swedeland Road  
CITY: King of Prussia  
STATE: PA  
COUNTRY: USA  
ZIP: 19406  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/783,853A  
FILING DATE: 16-JAN-1997  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/029,119  
FILING DATE: 24-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Baumeister, Kirk  
REGISTRATION NUMBER: 33,833  
REFERENCE/DOCKET NUMBER: P50438  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 610-270-5096  
TELEFAX:  
TELEX:  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 112 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
HYPOTHETICAL: NO

ANTI-SENSE: NO  
FRAGMENT TYPE: internal  
ORIGINAL SOURCE:  
US-08-783-853A-20

Query Match 100.0%; Score 30; DB 3; Length 112;  
Best Local Similarity 100.0%; Pred. No. 36;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5  
Db 28 NYGMN 32

RESULT 7  
US-09-344-050-20  
Sequence 20, Application US/09344050  
Patent No. 6391299  
GENERAL INFORMATION:  
APPLICANT: Blackburn, Michael  
APPLICANT: Church, William  
APPLICANT: Gross, Mitchell  
APPLICANT: Feuerstein, Giora  
APPLICANT: Nichols, Andrew  
APPLICANT: Padian, Eduardo  
APPLICANT: Patel, Arunbhai  
APPLICANT: Sylvester, Daniel  
TITLE OF INVENTION: ANTICOAGULANT AGENTS USEFUL IN TREATMENT  
TITLE OF INVENTION: OF THROMBOSIS  
NUMBER OF SEQUENCES: 111  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SmithKline Beecham Corporation  
STREET: 709 Swedeland Road  
City: King of Prussia  
STATE: PA  
COUNTRY: USA  
ZIP: 19406  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/344,050  
FILING DATE: 24-JUN-1999  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/783,853  
FILING DATE: 16-JAN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Baumeister, Kirk  
REGISTRATION NUMBER: 33,833  
REFERENCE/DOCKET NUMBER: P50438  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 610-270-5096  
TELEFAX:  
TELEX:  
INFORMATION FOR SEQ. ID NO.: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 112 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: internal  
ORIGINAL SOURCE:  
US-09-344-050-20

Query Match 100.0%; Score 30; DB 3; Length 112;  
Best Local Similarity 100.0%; Pred. No. 36;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5  
Db 28 NYGMN 32

RESULT 8  
US-08-483-749A-24  
Sequence 24, Application US/08483749A  
Patent No. 6054561  
GENERAL INFORMATION:  
APPLICANT: RING, DAVID B.  
TITLE OF INVENTION: ANTIGEN-BINDING SITES OF ANTIBODY  
TITLE OF INVENTION: MOLECULES SPECIFIC FOR CANCER ANTIGENS  
NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CHIRON CORPORATION  
STREET: INTELLECTUAL PROPERTY - R440, PO BOX 8097  
City: EMERYVILLE  
STATE: CA  
COUNTRY: USA  
ZIP: 94662-8097  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/483,749A  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: SAVERIDE, PAUL B.  
REGISTRATION NUMBER: 36,914  
REFERENCE/DOCKET NUMBER: 0508.008  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (510) 601-2585  
TELEFAX: (510) 655-3542  
INFORMATION FOR SEQ. ID NO.: 24:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 115 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-483-749A-24

Query Match 100.0%; Score 30; DB 3; Length 115;  
Best Local Similarity 100.0%; Pred. No. 37;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5  
Db 31 NYGMN 35

RESULT 9  
US-08-249-013-6  
Sequence 6, Application US/08249013  
Patent No. 5643754  
GENERAL INFORMATION:  
APPLICANT: Haake, David A.  
TITLE OF INVENTION: CLONED leptospira OUTER MEMBRANE PROTEIN  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Spensley Horn Jupas & Lubitz  
STREET: 1880 Century Park East, Suite 500  
City: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90067  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/249,013  
FILING DATE: 25-MAY-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Tumarkin Ph.D., Lisa A.,  
REGISTRATION NUMBER: P-38,347  
REFERENCE/DOCKET NUMBER: PD-3602  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 455-5100  
TELEFAX: (619) 455-5110  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 117 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
IMMEDIATE SOURCE:  
CLONE: lta  
FEATURE:  
NAME/KEY: Protein  
LOCATION: 1..117  
US-08-249-013-6

Query Match 100.0%; Score 30; DB 1; Length 117;  
Best Local Similarity 100.0%; Pred. No. 38;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5  
Db 22 NYGMN 26

RESULT 10  
US-08-886-863-6  
Sequence 6, Application US/0886863.  
Patent No. 5824321  
GENERAL INFORMATION:  
APPLICANT: Haake, David A.  
TITLE OF INVENTION: CLONED Leptospira OUTER MEMBRANE PROTEIN  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Spensley Horn Jubas & Lubitz  
STREET: 1880 Century Park East, Suite 500  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90067  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/886,863  
FILING DATE: 01-JUL-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/249,013  
FILING DATE: 25-MAY-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Tumarkin Ph.D., Lisa A.,  
REGISTRATION NUMBER: P-38,347  
REFERENCE/DOCKET NUMBER: PD-3602  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 455-5100  
TELEFAX: (619) 455-5110  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 117 amino acids

TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
IMMEDIATE SOURCE:  
CLONE: lta  
FEATURE:  
NAME/KEY: Protein  
LOCATION: 1..117  
US-08-886-863-6

Query Match 100.0%; Score 30; DB 2; Length 117;  
Best Local Similarity 100.0%; Pred. No. 38;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5  
Db 22 NYGMN 26

RESULT 11  
US-09-175-229-6  
Sequence 6, Application US/09175229  
Patent No. 6309641  
GENERAL INFORMATION:  
APPLICANT: Haake, David A.  
TITLE OF INVENTION: CLONED Leptospira OUTER MEMBRANE PROTEIN  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Spensley Horn Jubas & Lubitz  
STREET: 1880 Century Park East, Suite 500  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90067  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/175,229  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/249,013  
FILING DATE: 25-MAY-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Tumarkin Ph.D., Lisa A.,  
REGISTRATION NUMBER: P-38,347  
REFERENCE/DOCKET NUMBER: PD-3602  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 455-5100  
TELEFAX: (619) 455-5110  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 117 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
IMMEDIATE SOURCE:  
CLONE: lta  
FEATURE:  
NAME/KEY: Protein  
LOCATION: 1..117  
US-09-175-229-6

Query Match 100.0%; Score 30; DB 3; Length 117;  
Best Local Similarity 100.0%; Pred. No. 38;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5

Db 22 NYGMN 26

## RESULT 12

PCT-US95-06764-6  
; Sequence 6, Application PC/RUS9506764  
; GENERAL INFORMATION:  
; APPLICANT: The Regents of the University of California  
; TITLE OF INVENTION: CLONED leptospira OUTER MEMBRANE PROTEIN  
; NUMBER OF SEQUENCES: 10  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson  
; STREET: 4225 Executive Square, Suite 1400  
; CITY: La Jolla  
; STATE: California  
; COUNTRY: USA  
; ZIP: 92037  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US95/06764  
; FILING DATE: 25-MAY-1995  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Haile, Ph.D., Lisa A.,  
; REGISTRATION NUMBER: 38,347  
; REFERENCE/DOCKET NUMBER: FD3602  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 678-5070  
; TELEFAX: (619) 678-5099  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 117 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; IMMEDIATE SOURCE:  
; CLONE: ltaA  
; FEATURE:  
; NAME/KEY: Protein  
; LOCATION: 1..117  
; PCT-US95-06764-6

Query Match 100.0%; Score 30; DB 5; Length 117;  
Best Local Similarity 100.0%; Pred. No. 38;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5  
Db 22 NYGMN 26

## RESULT 13

US-08-425-336-124  
; Sequence 124, Application US/08425336  
; Patent No. 5621083  
; GENERAL INFORMATION:  
; APPLICANT: Better, Marc D.  
; APPLICANT: Carroll, Stephen F.  
; APPLICANT: Studnika, Gary M.  
; TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating  
; NUMBER OF SEQUENCES: 140  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
; STREET: 6300 Sears Tower, 233 South Wacker Drive  
; CITY: Chicago  
; STATE: Illinois

COUNTRY: USA

ZIP: 60606-6402

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/425,336

FILING DATE: 18-APR-1995

CLASSIFICATION: 530

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/064,691

FILING DATE: 12-MAY-1993

APPLICATION NUMBER: US 07/901,707

FILING DATE: 19-JUN-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/787,567

FILING DATE: 04-NOV-1991

ATTORNEY/AGENT INFORMATION:

NAME: Meyers, Thomas C.

REGISTRATION NUMBER: P-36,989

REFERENCE/DOCKET NUMBER: 31394

TELECOMMUNICATION INFORMATION:

TELEPHONE: 312/474-6300

TELEFAX: 312/474-0448

TELEX: 25-3856

INFORMATION FOR SEQ ID NO: 124:

SEQUENCE CHARACTERISTICS:

LENGTH: 118 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-425-336-124

Query Match 100.0%; Score 30; DB 1; Length 118;

Best Local Similarity 100.0%; Pred. No. 38;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5

Db 31 NYGMN 35

## RESULT 14

US-08-425-336-126  
; Sequence 126, Application US/08425336  
; Patent No. 5621083  
; GENERAL INFORMATION:  
; APPLICANT: Better, Marc D.  
; APPLICANT: Carroll, Stephen F.  
; APPLICANT: Studnika, Gary M.  
; TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating  
; NUMBER OF SEQUENCES: 140  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
; STREET: 6300 Sears Tower, 233 South Wacker Drive  
; CITY: Chicago  
; STATE: Illinois  
; COUNTRY: USA  
; ZIP: 60606-6402  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/425,336  
; FILING DATE: 18-APR-1995  
; CLASSIFICATION: 530  
; PRIOR APPLICATION DATA:



APPLICATION NUMBER: 08/064,691  
FILING DATE: 12-MAY-1993  
APPLICATION NUMBER: US 07/901,707  
FILING DATE: 19-JUN-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/787,567  
FILING DATE: 04-NOV-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Meyers, Thomas C.  
REGISTRATION NUMBER: P-36,989  
REFERENCE/DOCKET NUMBER: 31394  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312/474-6300  
TELEFAX: 312/474-0448  
INFORMATION FOR SEQ ID NO: 126:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 118 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-425-336-126

Query Match 100.0%; Score 30; DB 1; Length 118;  
Best Local Similarity 100.0%; Pred. No. 38;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5  
Db 31 NYGMN 35

RESULT 15  
US-08-488-113B-124  
Sequence 124, Application US/08488113B  
Patent No. 5744580  
GENERAL INFORMATION:  
APPLICANT: Belter, Marc D.  
APPLICANT: Carroll, Stephen F.  
APPLICANT: Studnika, Gary M.  
TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating  
NUMBER OF INVENTION: Proteins  
NUMBER OF SEQUENCES: 169  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: McAndrews, Held & Malloy, Ltd.  
STREET: 500 West Madison Street, 34th floor  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60661  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/488,113B  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/425,336  
FILING DATE: 18-APR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/064,691  
FILING DATE: 12-MAY-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/988,430  
FILING DATE: 09-DEC-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/901,707  
FILING DATE: 19-JUN-1992  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/787,567  
FILING DATE: 04-NOV-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: McNicholas, Janet M.  
REGISTRATION NUMBER: 32,918  
REFERENCE/DOCKET NUMBER: 11022US07/200-70.P3.C2A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312/707-8889  
TELEFAX: 312/707-9155  
INFORMATION FOR SEQ ID NO: 124:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 118 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-488-113B-124

Query Match 100.0%; Score 30; DB 1; Length 118;  
Best Local Similarity 100.0%; Pred. No. 38;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5  
Db 31 NYGMN 35

Search completed: August 22, 2005, 15:02:24  
Job time : 15 secs

**This Page Blank (uspto)**

GenCore version 5.1.6  
Copyright (c) 1993 - 2005 Compugen Ltd.

OM protein - protein search, using sw model

Run on: August 22, 2005, 15:00:04 ; Search time 34.0625 Seconds  
(without alignments)  
57.481 Million cell updates/sec

Title: US-09-887-853-6\_COPY\_31\_35

Perfect score: 30  
Sequence: 1 NMGXN 5

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 1759131 seqs, 391586102 residues

Total number of hits satisfying chosen parameters: 1759131

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications AA:\*

1:	/cgn2_6/ptodata/1/pubppaa/US07_PUBCOMB.pep:*
2:	/cgn2_6/ptodata/1/pubppaa/PCT_NEW_PUB.pep:*
3:	/cgn2_6/ptodata/1/pubppaa/US06_NEW_PUB.pep:*
4:	/cgn2_6/ptodata/1/pubppaa/US06_PUBCOMB.pep:*
5:	/cgn2_6/ptodata/1/pubppaa/US07_NEW_PUB.pep:*
6:	/cgn2_6/ptodata/1/pubppaa/PCTUS_PUBCOMB.pep:*
7:	/cgn2_6/ptodata/1/pubppaa/US08_NEW_PUB.pep:*
8:	/cgn2_6/ptodata/1/pubppaa/US08_PUBCOMB.pep:*
9:	/cgn2_6/ptodata/1/pubppaa/US09A_PUBCOMB.pep:*
10:	/cgn2_6/ptodata/1/pubppaa/US09B_PUBCOMB.pep:*
11:	/cgn2_6/ptodata/1/pubppaa/US09C_PUBCOMB.pep:*
12:	/cgn2_6/ptodata/1/pubppaa/US09_NEW_PUB.pep:*
13:	/cgn2_6/ptodata/1/pubppaa/US10A_PUBCOMB.pep:*
14:	/cgn2_6/ptodata/1/pubppaa/US10B_PUBCOMB.pep:*
15:	/cgn2_6/ptodata/1/pubppaa/US10C_PUBCOMB.pep:*
16:	/cgn2_6/ptodata/1/pubppaa/US10D_PUBCOMB.pep:*
17:	/cgn2_6/ptodata/1/pubppaa/US10E_PUBCOMB.pep:*
18:	/cgn2_6/ptodata/1/pubppaa/US10_NEW_PUB.pep:*
19:	/cgn2_6/ptodata/1/pubppaa/US11A_PUBCOMB.pep:*
20:	/cgn2_6/ptodata/1/pubppaa/US11_NEW_PUB.pep:*
21:	/cgn2_6/ptodata/1/pubppaa/US60_NEW_PUB.pep:*
22:	/cgn2_6/ptodata/1/pubppaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	30	100.0	5	9	US-09-965-099-8
2	30	100.0	5	10	US-09-791-551-74
3	30	100.0	5	13	US-10-051-852-8
4	30	100.0	5	14	US-10-071-962-15
5	30	100.0	5	15	US-10-430-176-8
6	30	100.0	5	15	US-10-377-121-26
7	30	100.0	5	18	US-10-681-421-8
8	30	100.0	10	9	US-09-056-160B-1
9	30	100.0	10	14	US-10-234-671-1
10	30	100.0	10	16	US-10-018-245A-1
11	30	100.0	10	16	US-10-723-434-111

12	30	100.0	10	16	US-10-723-434-112	Sequence 112, App
13	30	100.0 <td>10</td> <td>16<td>US-10-723-434-116</td><td>Sequence 116, App</td></td>	10	16 <td>US-10-723-434-116</td> <td>Sequence 116, App</td>	US-10-723-434-116	Sequence 116, App
14	30	100.0 <td>10</td> <td>16<td>US-10-723-434-122</td><td>Sequence 122, App</td></td>	10	16 <td>US-10-723-434-122</td> <td>Sequence 122, App</td>	US-10-723-434-122	Sequence 122, App
15	30	100.0 <td>10</td> <td>17<td>US-10-687-035-60</td><td>Sequence 60, App</td></td>	10	17 <td>US-10-687-035-60</td> <td>Sequence 60, App</td>	US-10-687-035-60	Sequence 60, App
16	30	100.0 <td>10</td> <td>17<td>US-10-974-591-1</td><td>Sequence 1, Appl</td></td>	10	17 <td>US-10-974-591-1</td> <td>Sequence 1, Appl</td>	US-10-974-591-1	Sequence 1, Appl
17	30	100.0 <td>12</td> <td>17<td>US-09-954-385-147</td><td>Sequence 147, App</td></td>	12	17 <td>US-09-954-385-147</td> <td>Sequence 147, App</td>	US-09-954-385-147	Sequence 147, App
18	30	100.0 <td>12</td> <td>17<td>US-10-912-512-147</td><td>Sequence 147, App</td></td>	12	17 <td>US-10-912-512-147</td> <td>Sequence 147, App</td>	US-10-912-512-147	Sequence 147, App
19	30	100.0 <td>12</td> <td>17<td>US-10-235-043-147</td><td>Sequence 147, App</td></td>	12	17 <td>US-10-235-043-147</td> <td>Sequence 147, App</td>	US-10-235-043-147	Sequence 147, App
20	30	100.0 <td>67</td> <td>14</td> <td>US-10-243-130-19</td> <td>Sequence 19, Appl</td>	67	14	US-10-243-130-19	Sequence 19, Appl
21	30	100.0 <td>70</td> <td>14</td> <td>US-10-243-130-17</td> <td>Sequence 17, Appl</td>	70	14	US-10-243-130-17	Sequence 17, Appl
22	30	100.0 <td>70</td> <td>14</td> <td>US-10-243-130-18</td> <td>Sequence 18, Appl</td>	70	14	US-10-243-130-18	Sequence 18, Appl
23	30	100.0 <td>70</td> <td>17<td>US-10-901-650-17</td><td>Sequence 17, Appl</td></td>	70	17 <td>US-10-901-650-17</td> <td>Sequence 17, Appl</td>	US-10-901-650-17	Sequence 17, Appl
24	30	100.0 <td>70</td> <td>17<td>US-10-901-650-18</td><td>Sequence 18, Appl</td></td>	70	17 <td>US-10-901-650-18</td> <td>Sequence 18, Appl</td>	US-10-901-650-18	Sequence 18, Appl
25	30	100.0 <td>70</td> <td>17<td>US-10-901-650-19</td><td>Sequence 19, Appl</td></td>	70	17 <td>US-10-901-650-19</td> <td>Sequence 19, Appl</td>	US-10-901-650-19	Sequence 19, Appl
26	30	100.0 <td>74</td> <td>18<td>US-10-724-972A-4463</td><td>Sequence 4463, Ap</td></td>	74	18 <td>US-10-724-972A-4463</td> <td>Sequence 4463, Ap</td>	US-10-724-972A-4463	Sequence 4463, Ap
27	30	100.0 <td>76</td> <td>15<td>US-10-424-599-268610</td><td>Sequence 268610,</td></td>	76	15 <td>US-10-424-599-268610</td> <td>Sequence 268610,</td>	US-10-424-599-268610	Sequence 268610,
28	30	100.0 <td>92</td> <td>9<td>US-09-965-099-84</td><td>Sequence 84, Appl</td></td>	92	9 <td>US-09-965-099-84</td> <td>Sequence 84, Appl</td>	US-09-965-099-84	Sequence 84, Appl
29	30	100.0 <td>92</td> <td>13<td>US-10-051-852-84</td><td>Sequence 84, Appl</td></td>	92	13 <td>US-10-051-852-84</td> <td>Sequence 84, Appl</td>	US-10-051-852-84	Sequence 84, Appl
30	30	100.0 <td>92</td> <td>15<td>US-10-430-176-84</td><td>Sequence 84, Appl</td></td>	92	15 <td>US-10-430-176-84</td> <td>Sequence 84, Appl</td>	US-10-430-176-84	Sequence 84, Appl
31	30	100.0 <td>92</td> <td>18<td>US-10-681-421-84</td><td>Sequence 84, Appl</td></td>	92	18 <td>US-10-681-421-84</td> <td>Sequence 84, Appl</td>	US-10-681-421-84	Sequence 84, Appl
32	30	100.0 <td>112</td> <td>9<td>US-09-965-099-20</td><td>Sequence 20, Appl</td></td>	112	9 <td>US-09-965-099-20</td> <td>Sequence 20, Appl</td>	US-09-965-099-20	Sequence 20, Appl
33	30	100.0 <td>112</td> <td>13<td>US-10-051-852-20</td><td>Sequence 20, Appl</td></td>	112	13 <td>US-10-051-852-20</td> <td>Sequence 20, Appl</td>	US-10-051-852-20	Sequence 20, Appl
34	30	100.0 <td>112</td> <td>15<td>US-10-430-176-20</td><td>Sequence 20, Appl</td></td>	112	15 <td>US-10-430-176-20</td> <td>Sequence 20, Appl</td>	US-10-430-176-20	Sequence 20, Appl
35	30	100.0 <td>112</td> <td>18<td>US-10-681-421-20</td><td>Sequence 20, Appl</td></td>	112	18 <td>US-10-681-421-20</td> <td>Sequence 20, Appl</td>	US-10-681-421-20	Sequence 20, Appl
36	30	100.0 <td>113</td> <td>16<td>US-10-830-899-50</td><td>Sequence 50, Appl</td></td>	113	16 <td>US-10-830-899-50</td> <td>Sequence 50, Appl</td>	US-10-830-899-50	Sequence 50, Appl
37	30	100.0 <td>113</td> <td>16<td>US-10-830-899-57</td><td>Sequence 57, Appl</td></td>	113	16 <td>US-10-830-899-57</td> <td>Sequence 57, Appl</td>	US-10-830-899-57	Sequence 57, Appl
38	30	100.0 <td>113</td> <td>17<td>US-10-861-662-50</td><td>Sequence 50, Appl</td></td>	113	17 <td>US-10-861-662-50</td> <td>Sequence 50, Appl</td>	US-10-861-662-50	Sequence 50, Appl
39	30	100.0 <td>113</td> <td>17<td>US-10-861-662-57</td><td>Sequence 57, Appl</td></td>	113	17 <td>US-10-861-662-57</td> <td>Sequence 57, Appl</td>	US-10-861-662-57	Sequence 57, Appl
40	30	100.0 <td>116</td> <td>9<td>US-09-971-543-8</td><td>Sequence 8, Appl</td></td>	116	9 <td>US-09-971-543-8</td> <td>Sequence 8, Appl</td>	US-09-971-543-8	Sequence 8, Appl
41	30	100.0 <td>116</td> <td>9<td>US-09-971-543-9</td><td>Sequence 9, Appl</td></td>	116	9 <td>US-09-971-543-9</td> <td>Sequence 9, Appl</td>	US-09-971-543-9	Sequence 9, Appl
42	30	100.0 <td>116</td> <td>9<td>US-09-971-543-10</td><td>Sequence 10, Appl</td></td>	116	9 <td>US-09-971-543-10</td> <td>Sequence 10, Appl</td>	US-09-971-543-10	Sequence 10, Appl
43	30	100.0 <td>116</td> <td>14<td>US-10-138-727A-2</td><td>Sequence 2, Appl</td></td>	116	14 <td>US-10-138-727A-2</td> <td>Sequence 2, Appl</td>	US-10-138-727A-2	Sequence 2, Appl
44	30	100.0 <td>116</td> <td>14<td>US-10-138-727A-4</td><td>Sequence 4, Appl</td></td>	116	14 <td>US-10-138-727A-4</td> <td>Sequence 4, Appl</td>	US-10-138-727A-4	Sequence 4, Appl
45	30	100.0 <td>116</td> <td>14<td>US-10-138-727A-6</td><td>Sequence 6, Appl</td></td>	116	14 <td>US-10-138-727A-6</td> <td>Sequence 6, Appl</td>	US-10-138-727A-6	Sequence 6, Appl

#### ALIGNMENTS

RESULT 1  
US-09-965-099-8  
Sequence 8, Application US/09965099  
Patent No. US20020136725A1  
GENERAL INFORMATION:  
APPLICANT: Blackburn, Michael  
Feuerstein, Gloria  
Patel, Arunbhai  
TITLE OF INVENTION: ANTICOAGULANT AGENTS USEFUL IN  
TREATMENT OF THROMBOSIS  
NUMBER OF SEQUENCES: 111  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SmithKline Beecham Corporation  
STREET: 709 Swedeland Road  
CITY: King of Prussia  
STATE: PA  
COUNTRY: USA  
ZIP: 19406  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: PatSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/965, 099  
FILING DATE: 26-Sep-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/346,487  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Baumeister, Kirk  
REGISTRATION NUMBER: 33,833  
REFERENCE/DOCKET NUMBER: P50438-1

TELECOMMUNICATION INFORMATION:  
TELEPHONE: 610-270-5096  
TELEFAX: <Unknown>  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: internal  
ORIGINAL SOURCE:  
SEQUENCE DESCRIPTION: SEQ ID NO: 8:  
US-09-965-099-8

Query Match 100.0%; Score 30; DB 9; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.6e+06;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5  
Db 1 NYGMN 5

RESULT 2  
US-09-791-551-74  
Sequence 74, Application US/09791551  
Publication No. US20030235584A1  
GENERAL INFORMATION:  
APPLICANT: HANNA, NABIT,  
APPLICANT: KLOETZER, WILLIAM S.  
TITLE OF INVENTION: METHOD FOR PREPARING ANTI-MIF ANTIBODIES  
FILE REFERENCE: 037003/0277869  
CURRENT FILING DATE: 2001-02-26  
PRIOR FILING DATE: 2000-02-28  
PRIOR APPLICATION NUMBER: 60/185,390  
PRIOR FILING DATE: 2000-02-28  
PRIOR APPLICATION NUMBER: 60/233,625  
PRIOR FILING DATE: 2000-09-18  
NUMBER OF SEQ ID NOS: 119  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 74  
LENGTH: 5  
TYPE: PRT  
ORGANISM: Mus sp.  
US-09-791-551-74

Query Match 100.0%; Score 30; DB 10; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.6e+06;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5  
Db 1 NYGMN 5

RESULT 3  
US-10-051-852-8  
Sequence 8, Application US/10051852  
Publication No. US20020146411A1  
GENERAL INFORMATION:  
APPLICANT: Blackburn, Michael  
Church, William  
Gross, Mitchell  
Feuerstein, Gioia  
Nichols, Andrew  
Padian, Eduardo  
Patel, Arunbhai  
Sylvester, Daniel  
TITLE OF INVENTION: ANTICOAGULANT AGENTS USEFUL IN TREATMENT

OF THROMBOSIS  
NUMBER OF SEQUENCES: 111  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SmithKline Beecham Corporation  
STREET: 709 Swedeland Road  
CITY: King of Prussia  
STATE: PA  
COUNTRY: USA  
ZIP: 19406

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS

SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/051,852  
FILING DATE: 17-Jan-2002

CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/344,050  
FILING DATE: 25-JUN-1999

APPLICATION NUMBER: 08/783,853  
FILING DATE: 16-JAN-1997

ATTORNEY/AGENT INFORMATION:  
NAME: Baumeister, Kirk

REGISTRATION NUMBER: 33,893  
REFERENCE/DOCKET NUMBER: P50438

TELECOMMUNICATION INFORMATION:  
TELEPHONE: 610-270-5096

TELEFAX: <Unknown>  
INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids

TYPE: amino acid  
STRANDEDNESS: single

TOPOLOGY: linear  
MOLECULE TYPE: peptide

HYPOTHETICAL: NO  
ANTI-SENSE: NO

FRAGMENT TYPE: internal  
ORIGINAL SOURCE:

SEQUENCE DESCRIPTION: SEQ ID NO: 8:  
US-10-051-852-8

Query Match 100.0%; Score 30; DB 13; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.6e+06;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5  
Db 1 NYGMN 5

RESULT 4  
US-10-071-962-15  
Sequence 15, Application US/10071962  
Publication No. US20030170237A1  
GENERAL INFORMATION:  
APPLICANT: Baifu N1  
APPLICANT: Bill N.C. Sun  
APPLICANT: Gedily R.Y. Sun  
TITLE OF INVENTION: G-CSF Receptor Agonist Antibodies and  
Screening Method Therefor  
FILE REFERENCE: 98-3  
CURRENT APPLICATION NUMBER: US/10/071,962  
CURRENT FILING DATE: 2002-02-08  
PRIOR APPLICATION NUMBER: US/09/303,155A  
PRIOR FILING DATE: 1999-04-30  
PRIOR APPLICATION NUMBER: 60/083,575  
PRIOR FILING DATE: 1998-04-30  
NUMBER OF SEQ ID NOS: 27  
SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 15  
LENGTH: 5  
TYPE: PRT  
ORGANISM: mouse  
US-10-071-962-15

Query Match 100.0%; Score 30; DB 14; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.6e+06;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5  
Db 1 NYGMN 5

## RESULT 5

US-10-430-176-8  
Sequence 8, Application US/10430176  
Publication No. US20030235587A1  
GENERAL INFORMATION:  
APPLICANT: Feuerstein, Giora Z.  
TITLE OF INVENTION: ANTICOAGULANT AGENTS USEFUL IN TREATMENT  
FILE REFERENCE: P50816-1  
CURRENT APPLICATION NUMBER: US/10/430,176  
CURRENT FILING DATE: 2003-05-05  
PRIOR APPLICATION NUMBER: 09/817,960  
PRIOR FILING DATE: 2001-03-27  
PRIOR APPLICATION NUMBER: 09/359,202  
PRIOR FILING DATE: 1999-07-22  
PRIOR APPLICATION NUMBER: 60/095,714  
PRIOR FILING DATE: 1998-08-07  
PRIOR APPLICATION NUMBER: 10/051,852  
PRIOR FILING DATE: 2002-01-17  
PRIOR APPLICATION NUMBER: 09/344,050  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 08/783,853  
PRIOR FILING DATE: 1997-01-06  
PRIOR APPLICATION NUMBER: 60/010,018  
PRIOR FILING DATE: 199-01-17  
PRIOR APPLICATION NUMBER: 60/029,119  
PRIOR FILING DATE: 1996-10-24  
NUMBER OF SEQ ID NOS: 111  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 8  
LENGTH: 5  
TYPE: PRT  
ORGANISM: Home sapiens  
US-10-430-176-8

Query Match 100.0%; Score 30; DB 15; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.6e+06;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5  
Db 1 NYGMN 5

## RESULT 6

US-10-377-121-26  
Sequence 26, Application US/10377121  
Publication No. US20040001825A1  
GENERAL INFORMATION:  
APPLICANT: GOVINDAM, SERENGULAM  
APPLICANT: OU, ZHENGGING  
APPLICANT: HANSEN, HANS  
APPLICANT: GOLDENBERG, DAVID  
TITLE OF INVENTION: RS7 ANTIBODIES  
FILE REFERENCE: 018733/1163  
CURRENT APPLICATION NUMBER: US/10/377,121  
CURRENT FILING DATE: 2003-03-03  
PRIOR APPLICATION NUMBER: 60/360,299

PRIOR FILING DATE: 2002-03-01  
NUMBER OF SEQ ID NOS: 36  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 26  
LENGTH: 5  
TYPE: PRT  
ORGANISM: Mus sp.  
US-10-377-121-26

Query Match 100.0%; Score 30; DB 15; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.6e+06;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5  
Db 1 NYGMN 5

## RESULT 7

US-10-681-421-8  
Sequence 8, Application US/10681421  
Publication No. US20040146511A1  
GENERAL INFORMATION:  
APPLICANT: Blackburn, Michael  
Feuerstein, Giora  
Patel, Arunbhai  
TITLE OF INVENTION: ANTICOAGULANT AGENTS USEFUL IN  
TREATMENT OF THROMBOSIS  
NUMBER OF SEQUENCES: 111  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: SmithKline Beecham Corporation  
STREET: 709 Swedeland Road  
CITY: King of Prussia  
STATE: PA  
COUNTRY: USA  
ZIP: 19406  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/681,421  
FILING DATE: 07-Oct-2003  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/09/965,099  
FILING DATE: 26-Sep-2001  
APPLICATION NUMBER: 09/346,487  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Baunelster, Kirk  
REGISTRATION NUMBER: 33,833  
REFERENCE/DOCKET NUMBER: P50438-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 610-270-5096  
TELEFAX: <Unknown>  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: internal  
ORIGINAL SOURCE:  
SEQUENCE DESCRIPTION: SEQ ID NO: 8:  
US-10-681-421-8

Query Match 100.0%; Score 30; DB 18; Length 5;

Best Local Similarity 100.0%; Pred. No. 1.6e+06;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5  
Db 1 NYGMN 5

## RESULT 8

US-09-056-160B-1  
Sequence 1, Application US/09056160B  
Patent No. US20020032315A1  
GENERAL INFORMATION:  
APPLICANT: Baca, Manuel  
APPLICANT: Wells, James A.  
APPLICANT: Presta, Leonard G.  
APPLICANT: Lowman, Henry B.  
APPLICANT: Chen, Yvonne M.  
TITLE OF INVENTION: ANTI-VEGF ANTIBODIES  
NUMBER OF SEQUENCES: 131  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 1 DNA Way  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WinPatIn (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/056.160B  
FILING DATE: 06-Apr-1998  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/054,856  
FILING DATE: 06-AUG-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Hasak, Janet E.  
REGISTRATION NUMBER: 28,616  
REFERENCE/DOCKET NUMBER: P1093R2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650/952-1896  
TELEFAX: 650/952-9881  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 10 amino acids  
TYPE: Amino Acid  
TOPOLOGY: Linear  
US-09-056-160B-1

Query Match 100.0%; Score 30; DB 9; Length 10;  
Best Local Similarity 100.0%; Pred. No. 7.7;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5  
Db 6 NYGMN 10

## RESULT 9

US-10-234-671-1  
Sequence 1, Application US/10234671  
Publication No. US20030190317A1  
GENERAL INFORMATION:  
APPLICANT: Baca, Manuel  
APPLICANT: Wells, James A.  
APPLICANT: Presta, Leonard G.  
APPLICANT: Lowman, Henry B.  
APPLICANT: Chen, Yvonne M.  
TITLE OF INVENTION: ANTI-VEGF ANTIBODIES

NUMBER OF SEQUENCES: 131  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 1 DNA Way  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080

## COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WinPatIn (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/234,671  
FILING DATE: 03-Sep-2002  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/056160  
FILING DATE: 06-Apr-1998  
APPLICATION NUMBER: 60/126446  
FILING DATE: 07-Apr-1997  
APPLICATION NUMBER: 60/054856  
FILING DATE: 06-AUG-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Cui, Steven X.  
REGISTRATION NUMBER: 44,637  
REFERENCE/DOCKET NUMBER: P1093R2C1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650/225-8674  
TELEFAX: 650/952-9881  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 10 amino acids  
TYPE: Amino Acid  
TOPOLOGY: Linear  
US-10-234-671-1

Query Match 100.0%; Score 30; DB 14; Length 10;  
Best Local Similarity 100.0%; Pred. No. 7.7;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5  
Db 6 NYGMN 10

## RESULT 10

US-10-018-245A-1  
Sequence 1, Application US/10018245A  
Publication No. US20040115196A1  
GENERAL INFORMATION:  
APPLICANT: FUKUDA, Yoshiaki  
APPLICANT: NAGAHIRA, Kazuhiro  
APPLICANT: NAKAMISHI, Toshihiro  
TITLE OF INVENTION: Novel recombinant antibody, amino acid sequences of its compleme  
TITLE OF INVENTION: determining regions and genes encoding the same  
FILE REFERENCE: 46224  
CURRENT APPLICATION NUMBER: US/10/018,245A  
CURRENT FILING DATE: 2002-07-12  
PRIOR APPLICATION NUMBER: JP 117394/2000  
PRIOR FILING DATE: 2000-04-19  
NUMBER OF SEQ ID NOS: 19  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 1  
LENGTH: 10  
TYPE: PRT  
ORGANISM: mouse  
FEATURE:  
OTHER INFORMATION: CDR-H1 of anti-human TNF-alpha antibody  
US-10-018-245A-1

Query Match 100.0%; Score 30; DB 16; Length 10;  
Best Local Similarity 100.0%; Pred. No. 7.7;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5  
Db 6 NYGMN 10

## RESULT 11

US-10-723-434-111  
Sequence 111, Application US/10723434  
Publication No. US2004013357A1  
GENERAL INFORMATION:  
APPLICANT: Zhong, Pingyu  
APPLICANT: Luo, Peizhi  
APPLICANT: Wang, Kevin C.  
APPLICANT: Hsieh, Mark  
APPLICANT: Li, Yan  
TITLE OF INVENTION: HUMANIZED ANTIBODIES AGAINST VASCULAR ENDOTHELIAL GROWTH FACTOR  
FILE REFERENCE: 26050-709.501  
CURRENT APPLICATION NUMBER: US/10/723,434  
CURRENT FILING DATE: 2003-11-26  
PRIOR APPLICATION NUMBER: US 60/284,407  
PRIOR FILING DATE: 2001-04-17  
PRIOR APPLICATION NUMBER: US 10/125,687  
PRIOR FILING DATE: 2002-04-17  
PRIOR APPLICATION NUMBER: US 10/153,176  
PRIOR FILING DATE: 2002-05-20  
PRIOR APPLICATION NUMBER: US 10/443,134  
NUMBER OF SEQ ID NOS: 156  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 111  
LENGTH: 10  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: VH/CDRI  
US-10-723-434-111

Query Match 100.0%; Score 30; DB 16; Length 10;  
Best Local Similarity 100.0%; Pred. No. 7.7;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5  
Db 6 NYGMN 10

## RESULT 12

US-10-723-434-112  
Sequence 112, Application US/10723434  
Publication No. US2004013357A1  
GENERAL INFORMATION:  
APPLICANT: Zhong, Pingyu  
APPLICANT: Luo, Peizhi  
APPLICANT: Wang, Kevin C.  
APPLICANT: Hsieh, Mark  
APPLICANT: Li, Yan  
TITLE OF INVENTION: HUMANIZED ANTIBODIES AGAINST VASCULAR ENDOTHELIAL GROWTH FACTOR  
FILE REFERENCE: 26050-709.501  
CURRENT APPLICATION NUMBER: US/10/723,434  
CURRENT FILING DATE: 2003-11-26  
PRIOR APPLICATION NUMBER: US 60/284,407  
PRIOR FILING DATE: 2001-04-17  
PRIOR APPLICATION NUMBER: US 10/125,687  
PRIOR FILING DATE: 2002-04-17  
PRIOR APPLICATION NUMBER: US 10/153,176  
PRIOR FILING DATE: 2002-05-20  
PRIOR APPLICATION NUMBER: US 10/443,134  
NUMBER OF SEQ ID NOS: 156

SOFTWARE: PatentIn version 3.1  
SEQ ID NO 112  
LENGTH: 10  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: VH/CDRI  
US-10-723-434-112

Query Match 100.0%; Score 30; DB 16; Length 10;  
Best Local Similarity 100.0%; Pred. No. 7.7;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5  
Db 6 NYGMN 10

## RESULT 13

US-10-723-434-116  
Sequence 116, Application US/10723434  
Publication No. US2004013357A1  
GENERAL INFORMATION:  
APPLICANT: Zhong, Pingyu  
APPLICANT: Luo, Peizhi  
APPLICANT: Wang, Kevin C.  
APPLICANT: Hsieh, Mark  
APPLICANT: Li, Yan  
TITLE OF INVENTION: HUMANIZED ANTIBODIES AGAINST VASCULAR ENDOTHELIAL GROWTH FACTOR  
FILE REFERENCE: 26050-709.501  
CURRENT APPLICATION NUMBER: US/10/723,434  
CURRENT FILING DATE: 2003-11-26  
PRIOR APPLICATION NUMBER: US 60/284,407  
PRIOR FILING DATE: 2001-04-17  
PRIOR APPLICATION NUMBER: US 10/125,687  
PRIOR FILING DATE: 2002-04-17  
PRIOR APPLICATION NUMBER: US 10/153,176  
PRIOR FILING DATE: 2002-05-20  
PRIOR APPLICATION NUMBER: US 10/443,134  
NUMBER OF SEQ ID NOS: 156  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 116  
LENGTH: 10  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: VH/CDRI  
US-10-723-434-116

Query Match 100.0%; Score 30; DB 16; Length 10;  
Best Local Similarity 100.0%; Pred. No. 7.7;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5  
Db 6 NYGMN 10

## RESULT 14

US-10-723-434-122  
Sequence 122, Application US/10723434  
Publication No. US2004013357A1  
GENERAL INFORMATION:  
APPLICANT: Zhong, Pingyu  
APPLICANT: Luo, Peizhi  
APPLICANT: Wang, Kevin C.  
APPLICANT: Hsieh, Mark  
APPLICANT: Li, Yan  
TITLE OF INVENTION: HUMANIZED ANTIBODIES AGAINST VASCULAR ENDOTHELIAL GROWTH FACTOR  
FILE REFERENCE: 26050-709.501  
CURRENT APPLICATION NUMBER: US/10/723,434  
CURRENT FILING DATE: 2003-11-26

```

; PRIOR APPLICATION NUMBER: US 60/284,407
; PRIOR FILING DATE: 2001-04-17
; PRIOR APPLICATION NUMBER: US 10/125,687
; PRIOR FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: US 10/153,176
; PRIOR FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: US 10/443,134
; PRIOR FILING DATE: 2003-05-20
; NUMBER OF SEQ ID NOS: 156
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 122
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: VH/CDR1
US-10-723-434-122

```

```

Query Match      100.0%; Score 30; DB 16; Length 10;
Best Local Similarity 100.0%; Pred. No. 7.7;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      1 NYGMN 5
        |||||
Db      6 NYGMN 10

```

```

RESULT 15
US-10-687-035-60
; Sequence 60, Application US/10687035
; Publication No. US20050064518A1
; GENERAL INFORMATION:
; APPLICANT: Albone, Earl F.
; TITLE OF INVENTION: ANTIBODIES THAT BIND CELL-ASSOCIATED
; FILE REFERENCE: CA 125/0772P AND METHODS OF USE THEREOF
; CURRENT APPLICATION NUMBER: US/10/687,035
; PRIOR FILING DATE: 2003-10-15
; PRIOR APPLICATION NUMBER: 60/485,986
; PRIOR FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: 60/418,828
; PRIOR FILING DATE: 2003-10-12
; NUMBER OF SEQ ID NOS: 71
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 60
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 725.1 VH1 CDR
US-10-687-035-60

```

```

Query Match      100.0%; Score 30; DB 17; Length 10;
Best Local Similarity 100.0%; Pred. No. 7.7;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      1 NYGMN 5
        |||||
Db      6 NYGMN 10

```

Search completed: August 22, 2005, 15:38:25  
 Job time : 35.0625 secs



GenCore version 5.1.6  
Copyright (c) 1993 - 2005 Compugen Ltd.

OM protein - protein search, using sw model

Run on: August 22, 2005, 15:00:04 ; Search time 18 Seconds

(without alignments)  
37.325 Million cell updates/sec

Title: US-09-887-853-6\_COPY\_222\_230

Perfect score: 49

Sequence: 1 LQYAIFFPT 9

Scoring table: BLOSUM62

Searched: Gapop 10.0 , Gapext 0.5

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database : Issued Patents AA:\*

- 1: /cgn2\_6/ptodata/1/1aa/5A\_COMB.pep:\*
- 2: /cgn2\_6/ptodata/1/1aa/5B\_COMB.pep:\*
- 3: /cgn2\_6/ptodata/1/1aa/6A\_COMB.pep:\*
- 4: /cgn2\_6/ptodata/1/1aa/6B\_COMB.pep:\*
- 5: /cgn2\_6/ptodata/1/1aa/PTUS\_COMB.pep:\*
- 6: /cgn2\_6/ptodata/1/1aa/backfilest.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	49	100.0	107	3	US-08-483-749A-26
2	49	100.0	243	1	US-08-133-804-6
3	49	100.0	243	1	US-08-461-838-6
4	49	100.0	243	2	US-08-461-386-6
5	49	100.0	243	2	US-08-356-786-4
6	49	100.0	534	2	US-08-356-786-10
7	36	73.5	92	2	US-08-273-146-47
8	36	73.5	107	4	US-09-648-067A-10
9	36	73.5	107	4	US-09-648-067A-12
10	36	73.5	215	2	US-08-737-129A-8
11	36	73.5	355	3	US-08-875-811-41
12	36	73.5	355	3	US-08-875-811-49
13	36	73.5	355	3	US-08-875-811-64
14	36	73.5	358	3	US-08-875-811-45
15	36	73.5	358	3	US-08-875-811-51
16	36	73.5	360	3	US-08-875-811-47
17	36	73.5	379	3	US-08-875-811-43
18	36	73.5	92	2	US-08-273-146-53
19	35	71.4	92	2	US-08-273-146-53
20	35	71.4	107	3	US-08-483-749A-12
21	35	71.4	145	3	US-09-096-244-2
22	35	71.4	490	4	US-09-270-767-42437
23	34	69.4	107	1	US-07-634-278-50
24	34	69.4	107	1	US-07-634-278-51
25	34	69.4	107	1	US-08-477-728-50
26	34	69.4	107	1	US-08-477-728-51
27	34	69.4	107	1	US-08-474-040-50

28	34	69.4	107	1	US-08-474-040-51	Sequence 51, Appl
29	34	69.4	107	1	US-08-487-200-50	Sequence 50, Appl
30	34	69.4	107	1	US-08-487-200-51	Sequence 51, Appl
31	34	69.4	107	3	US-08-484-537-50	Sequence 50, Appl
32	34	69.4	107	3	US-08-484-537-51	Sequence 51, Appl
33	34	69.4	165	4	US-09-248-796A-22117	Sequence 22117, A
34	34	69.4	313	4	US-09-270-767-42252	Sequence 42252, A
35	34	69.4	322	4	US-09-328-352-5739	Sequence 5739, Ap
36	33	67.3	106	1	US-08-202-047-26	Sequence 26, Appl
37	33	67.3	106	3	US-08-964-690-26	Sequence 26, Appl
38	33	67.3	156	4	US-09-902-540-14530	Sequence 14530, A
39	33	67.3	345	4	US-09-134-000C-5010	Sequence 5010, Ap
40	33	67.3	388	4	US-09-560-761B-20	Sequence 20, Appl
41	32	65.3	95	2	US-08-713-939A-72	Sequence 72, Appl
42	32	65.3	95	3	US-09-036-579-72	Sequence 72, Appl
43	32	65.3	95	3	US-09-550-374-72	Sequence 72, Appl
44	32	65.3	95	4	US-09-943-906-72	Sequence 72, Appl
45	32	65.3	107	2	US-08-290-592E-20	Sequence 20, Appl

## ALIGNMENTS

RESULT 1  
US-08-483-749A-26  
Sequence 26, Application US/08483749A  
Patent No. 6054561  
GENERAL INFORMATION:  
APPLICANT: RING, DAVID B.  
TITLE OF INVENTION: ANTIGEN-BINDING SITES OF ANTIBODY  
TITLE OF INVENTION: MOLECULES SPECIFIC FOR CANCER ANTIGENS  
NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: CHIRON CORPORATION  
STREET: INTELLECTUAL PROPERTY - R440, PO BOX 8097  
CITY: EMERYVILLE  
STATE: CA  
COUNTRY: USA  
ZIP: 94662-8097  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/483,749A  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: SAVERIDE, PAUL B.  
REGISTRATION NUMBER: 36,914  
REFERENCE/DOCKET NUMBER: 0508.008  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (510) 601-2585  
TELEFAX: (510) 655-3542  
INFORMATION FOR SEQ ID NO: 26:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 107 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-483-749A-26  
Query Match 100.0%; Score 49; DB 3; Length 107;  
Best Local Similarity 100.0%; Pred. No. 0.16;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 LQYAIFFPT 9  
|||  
Db 89 LQYAIFFPT 97

RESULT 2

US-08-133-804-6  
; Sequence 6, Application US/08133804  
; Patent No. 5534254  
; GENERAL INFORMATION:  
; APPLICANT: Huston, James S.  
; APPLICANT: Oppermann, Hermann  
; APPLICANT: Houston, L. L.  
; APPLICANT: Ring, David B.  
; TITLE OF INVENTION: Biosynthetic Binding Proteins For  
; TITLE OF INVENTION: Imaging  
; NUMBER OF SEQUENCES: 11  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Testa, Hurwitz & Thibault/Patent Department  
; STREET: Exchange Place, 53 State Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/133,804  
; FILING DATE:  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kelley, Robin D.  
; REGISTRATION NUMBER: 34,637  
; REFERENCE/DOCKET NUMBER: 2054/22  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-248-7477  
; TELEFAX: 617-248-7100  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 243 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-08-133-804-6  
  
Query Match 100.0%; Score 49; DB 1; Length 243;  
Best Local Similarity 100.0%; Pred. No. 0.34;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 LOYAIFFYT 9  
DB 222 LOYAIFFYT 230  
  
RESULT 3  
US-08-461-838-6  
; Sequence 6, Application US/08461838  
; Patent No. 5753204  
; GENERAL INFORMATION:  
; APPLICANT: Huston, James S.  
; APPLICANT: Oppermann, Hermann  
; APPLICANT: Houston, L. L.  
; APPLICANT: Ring, David B.  
; TITLE OF INVENTION: Biosynthetic Binding Proteins For  
; TITLE OF INVENTION: Imaging  
; NUMBER OF SEQUENCES: 11  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Testa, Hurwitz & Thibault/Patent Department  
; STREET: Exchange Place, 53 State Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/461,838  
; FILING DATE:  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kelley, Robin D.  
; REGISTRATION NUMBER: 34,637  
; REFERENCE/DOCKET NUMBER: 2054/22  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-248-7477  
; TELEFAX: 617-248-7100  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 243 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-08-461-838-6

Query Match 100.0%; Score 49; DB 1; Length 243;  
Best Local Similarity 100.0%; Pred. No. 0.34;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 LOYAIFFYT 9  
DB 222 LOYAIFFYT 230

RESULT 4  
US-08-461-386-6  
; Sequence 6, Application US/08461386  
; Patent No. 5837846  
; GENERAL INFORMATION:  
; APPLICANT: Huston, James S.  
; APPLICANT: Oppermann, Hermann  
; APPLICANT: Houston, L. L.  
; APPLICANT: Ring, David B.  
; TITLE OF INVENTION: Biosynthetic Binding Proteins For  
; TITLE OF INVENTION: Imaging  
; NUMBER OF SEQUENCES: 11  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Testa, Hurwitz & Thibault/Patent Department  
; STREET: Exchange Place, 53 State Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: IBM PC compatible  
; SOFTWARE: Patent Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/461,386  
; FILING DATE:  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kelley, Robin D.  
; REGISTRATION NUMBER: 34,637  
; REFERENCE/DOCKET NUMBER: 2054/22  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-248-7477  
; TELEFAX: 617-248-7100  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 243 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-08-461-386-6

Query Match 100.0%; Score 49; DB 2; Length 243;  
Best Local Similarity 100.0%; Pred. No. 0.34;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LOYAIFFPYT 9  
|||  
222 LOYAIFFPYT 230

RESULT 5  
US-08-356-786-4

; Sequence 4, Application US/08356786  
; Patent No. 5877305

; GENERAL INFORMATION:

; APPLICANT: Huston, James S.

; APPLICANT: Oppermann, Hermann

; APPLICANT: Houston, L. L.

; APPLICANT: Ring, David B.

; TITLE OF INVENTION: Biosynthetic Binding Protein for Cancer

; TITLE OF INVENTION: Marker

; NUMBER OF SEQUENCES: 16

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Edmund R. Pitcher, Testa, Hurwitz, & Thibault

; STREET: Exchange Place, 53 State Street

; CITY: Boston

; STATE: Massachusetts

; COUNTRY: USA

; ZIP: 02109

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: IBM PC compatible

; SOFTWARE: Patentin Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/356,786

; FILING DATE:

; CLASSIFICATION: 424

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/831,967

; FILING DATE: 06-FEB-1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Pitcher, Edmund R.

; REGISTRATION NUMBER: 27,829

; REFERENCE/DOCKET NUMBER: CRP-053

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (617) 248-7000

; TELEFAX: (617) 248-7100

; INFORMATION FOR SEQ ID NO: 4:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 243 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: protein

; US-08-356-786-4

Query Match 100.0%; Score 49; DB 2; Length 243;  
Best Local Similarity 100.0%; Pred. No. 0.34;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LOYAIFFPYT 9  
|||  
222 LOYAIFFPYT 230

RESULT 6  
US-08-356-786-10

; Sequence 10, Application US/08356786  
; Patent No. 5877305

; GENERAL INFORMATION:

; APPLICANT: Huston, James S.

; APPLICANT: Oppermann, Hermann

; APPLICANT: Houston, L. L.

; APPLICANT: Ring, David B.

; TITLE OF INVENTION: Biosynthetic Binding Protein for Cancer  
; TITLE OF INVENTION: Marker  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Edmund R. Pitcher, Testa, Hurwitz, & Thibault

; STREET: Exchange Place, 53 State Street

; CITY: Boston

; STATE: Massachusetts

; COUNTRY: USA

; ZIP: 02109

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: IBM PC compatible

; SOFTWARE: Patentin Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/356,786

; FILING DATE:

; CLASSIFICATION: 424

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/831,967

; FILING DATE: 06-FEB-1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Pitcher, Edmund R.

; REGISTRATION NUMBER: 27,829

; REFERENCE/DOCKET NUMBER: CRP-053

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (617) 248-7000

; TELEFAX: (617) 248-7100

; INFORMATION FOR SEQ ID NO: 10:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 534 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: protein

; US-08-356-786-10

Query Match 100.0%; Score 49; DB 2; Length 534;  
Best Local Similarity 100.0%; Pred. No. 0.71;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LOYAIFFPYT 9  
|||  
513 LOYAIFFPYT 521

RESULT 7  
US-08-273-146-47

; Sequence 47, Application US/08273146  
; Patent No. 5855885

; GENERAL INFORMATION:

; APPLICANT: Smith, Rodger

; APPLICANT: McCafferty, John

; APPLICANT: Chiswell, David

; APPLICANT: Darsley, Michael J.

; APPLICANT: Fitzgerald, Kevin

; APPLICANT: Kenten, John H.

; APPLICANT: Martin, Mark T.

; APPLICANT: Titmas, Richard C.

; APPLICANT: Williams, Richard O.

; TITLE OF INVENTION: The Isolation and Production of

; NUMBER OF SEQUENCES: 71

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: IGEN, Inc.

; STREET: 1530 East Jefferson St.

; CITY: Rockville

; STATE: MD

; COUNTRY: USA

; ZIP: 20852

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/273,146  
FILING DATE: 14-JUL-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Ryan, John W.  
REGISTRATION NUMBER: 33,771  
REFERENCE/DOCKET NUMBER: 09000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 301-984-8000  
TELEFAX: 301-230-0158  
INFORMATION FOR SEQ ID NO: 47:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 92 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-273-146-47

Query Match 73.5%; Score 36; DB 2; Length 92;  
Best Local Similarity 77.8%; Pred. No. 25;  
Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 LOYAIIPYT 9  
|||:||||  
DB 81 LOYDEFPYT 89

RESULT 8  
US-09-648-067A-10  
Sequence 10, Application US/09648067A  
Patent No. 6627196  
GENERAL INFORMATION:  
APPLICANT: Baughman, Sharon A.  
APPLICANT: Shak Steven  
TITLE OF INVENTION: Dosages for Treatment with Anti-ErbB2 Antibodies  
FILE REFERENCE: P1775R1  
CURRENT APPLICATION NUMBER: US/09/648,067A  
CURRENT FILING DATE: 2000-08-25  
PRIOR APPLICATION NUMBER: US 60/151,018  
PRIOR FILING DATE: 1999-08-27  
PRIOR APPLICATION NUMBER: US 60/213,822  
PRIOR FILING DATE: 2000-06-23  
NUMBER OF SEQ ID NOS: 15  
SEQ ID NO 10  
LENGTH: 107  
TYPE: PRT  
ORGANISM: Mus Musculus  
US-09-648-067A-10

Query Match 73.5%; Score 36; DB 4; Length 107;  
Best Local Similarity 75.0%; Pred. No. 28;  
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2 QYAIIPYT 9  
|||:||||  
DB 90 QYIIPYT 97

RESULT 9  
US-09-648-067A-12  
Sequence 12, Application US/09648067A  
Patent No. 6627196  
GENERAL INFORMATION:  
APPLICANT: Baughman, Sharon A.  
APPLICANT: Shak Steven  
TITLE OF INVENTION: Dosages for Treatment with Anti-ErbB2 Antibodies  
FILE REFERENCE: P1775R1  
CURRENT APPLICATION NUMBER: US/09/648,067A  
CURRENT FILING DATE: 2000-08-25  
PRIOR APPLICATION NUMBER: US 60/151,018

PRIOR FILING DATE: 1999-08-27  
PRIOR APPLICATION NUMBER: US 60/213,822  
PRIOR FILING DATE: 2000-06-23  
NUMBER OF SEQ ID NOS: 15  
SEQ ID NO 12  
LENGTH: 107  
TYPE: PRT  
ORGANISM: Artificial sequence  
FEATURE:  
OTHER INFORMATION: humanized VL sequence  
US-09-648-067A-12

Query Match 73.5%; Score 36; DB 4; Length 107;  
Best Local Similarity 75.0%; Pred. No. 28;  
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2 QYAIIPYT 9  
|||:||||  
DB 90 QYIIPYT 97

RESULT 10  
US-08-737-129A-8  
Sequence 8, Application US/08737129A  
Patent No. 5885816  
GENERAL INFORMATION:  
APPLICANT: Ikuo Fujii et al.  
TITLE OF INVENTION: CATALYTIC ANTIBODIES ENANTIOSELECTIVELY  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Wenderoth, Lind & Ponack  
STREET: 805 Fifteenth Street, N.W., #700  
City: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: Wordperfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/737,129A  
FILING DATE: No. 5885816ember 15, 1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warren M. Cheek, Jr.  
REGISTRATION NUMBER: 33,367  
REFERENCE/DOCKET NUMBER:  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-8850  
TELEFAX:  
TELEX:  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 215 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-737-129A-8

Query Match 73.5%; Score 36; DB 2; Length 215;  
Best Local Similarity 77.8%; Pred. No. 54;  
Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 LOYAIIPYT 9  
|||:||||  
DB 89 LOYDEFPYT 97

RESULT 11  
US-08-875-811-41  
; Sequence 41, Application US/08875811  
; Patent No. 6045793  
; GENERAL INFORMATION:  
; APPLICANT: Rybak, Susanna M.  
; APPLICANT: Newton, Dianne L.  
; APPLICANT: Boque, Luis  
; APPLICANT: Mlodawer, Alexander  
; TITLE OF INVENTION: Recombinant Ribonuclease Proteins  
; NUMBER OF SEQUENCES: 64  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/875,811  
; FILING DATE: 19-FEB-1998  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: WO PCT/US97/02588  
; FILING DATE: 19-FEB-1997  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 60/011,800  
; FILING DATE: 21-FEB-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Paris, Susan K.  
; REGISTRATION NUMBER: 41,739  
; REFERENCE/DOCKET NUMBER: 015280-244100US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
; INFORMATION FOR SEQ ID NO: 41:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 355 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-08-875-811-41

Query Match 73.5%; Score 36; DB 3; Length 355;  
Best Local Similarity 77.8%; Pred. No. 87;  
Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 LOYAIFFPT 9  
Db 89 LOYDEFFPT 97

RESULT 12  
US-08-875-811-49  
; Sequence 49, Application US/08875811  
; Patent No. 6045793  
; GENERAL INFORMATION:  
; APPLICANT: Rybak, Susanna M.  
; APPLICANT: Newton, Dianne L.  
; APPLICANT: Boque, Luis  
; APPLICANT: Mlodawer, Alexander  
; TITLE OF INVENTION: Recombinant Ribonuclease Proteins  
; NUMBER OF SEQUENCES: 64  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor

CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/875,811  
; FILING DATE: 19-FEB-1998  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: WO PCT/US97/02588  
; FILING DATE: 19-FEB-1997  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 60/011,800  
; FILING DATE: 21-FEB-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Paris, Susan K.  
; REGISTRATION NUMBER: 41,739  
; REFERENCE/DOCKET NUMBER: 015280-244100US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
; INFORMATION FOR SEQ ID NO: 49:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 355 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-08-875-811-49

Query Match 73.5%; Score 36; DB 3; Length 355;  
Best Local Similarity 77.8%; Pred. No. 87;  
Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 LOYAIFFPT 9  
Db 89 LOYDEFFPT 97

RESULT 13  
US-08-875-811-64  
; Sequence 64, Application US/08875811  
; Patent No. 6045793  
; GENERAL INFORMATION:  
; APPLICANT: Rybak, Susanna M.  
; APPLICANT: Newton, Dianne L.  
; APPLICANT: Boque, Luis  
; APPLICANT: Mlodawer, Alexander  
; TITLE OF INVENTION: Recombinant Ribonuclease Proteins  
; NUMBER OF SEQUENCES: 64  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/875,811  
; FILING DATE: 19-FEB-1998  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: WO PCT/US97/02588  
; FILING DATE: 19-FEB-1997

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/011,800  
FILING DATE: 21-FEB-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Faris, Susan K.  
REGISTRATION NUMBER: 41,739  
REFERENCE/DOCKET NUMBER: 015280-244100US  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 64:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 355 amino acids  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
FEATURE:  
NAME/KEY: Protein  
LOCATION: 1..355  
OTHER INFORMATION: /note= "ESFB[Mec-(-1)]Ser10nc"  
US-08-875-811-64

Query Match 73.5%; Score 36; DB 3; Length 355;  
Best Local Similarity 77.8%; Pred. No. 87;  
Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 LOYAIFFPT 9  
Db 89 LQYDFEPPYT 97

RESULT 14  
US-08-875-811-45  
Sequence 45, Application US/08875811  
Patent No. 6045793  
GENERAL INFORMATION:  
APPLICANT: Rybak, Susanna M.  
APPLICANT: Newton, Dianne L.  
APPLICANT: Bogue, Lluís  
APPLICANT: Wlodawer, Alexander  
TITLE OF INVENTION: Recombinant Ribonuclease Proteins  
NUMBER OF SEQUENCES: 64  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/875,811  
FILING DATE: 19-FEB-1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US97/02588  
FILING DATE: 19-FEB-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/011,800  
FILING DATE: 21-FEB-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Faris, Susan K.  
REGISTRATION NUMBER: 41,739  
REFERENCE/DOCKET NUMBER: 015280-244100US  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 45:

SEQUENCE CHARACTERISTICS:  
LENGTH: 358 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-875-811-45

Query Match 73.5%; Score 36; DB 3; Length 358;  
Best Local Similarity 77.8%; Pred. No. 87;  
Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 LOYAIFFPT 9  
Db 207 LQYDFEPPYT 215

RESULT 15  
US-08-875-811-51  
Sequence 51, Application US/08875811  
Patent No. 6045793  
GENERAL INFORMATION:  
APPLICANT: Rybak, Susanna M.  
APPLICANT: Newton, Dianne L.  
APPLICANT: Bogue, Lluís  
APPLICANT: Wlodawer, Alexander  
TITLE OF INVENTION: Recombinant Ribonuclease Proteins  
NUMBER OF SEQUENCES: 64  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/875,811  
FILING DATE: 19-FEB-1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US97/02588  
FILING DATE: 19-FEB-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/011,800  
FILING DATE: 21-FEB-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Faris, Susan K.  
REGISTRATION NUMBER: 41,739  
REFERENCE/DOCKET NUMBER: 015280-244100US  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 51:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 358 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-875-811-51

Query Match 73.5%; Score 36; DB 3; Length 358;  
Best Local Similarity 77.8%; Pred. No. 87;  
Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 LOYAIFFPT 9  
Db 207 LQYDFEPPYT 215

Mon Aug 22 15:46:58 2005

us-09-887-853-6\_copy\_222\_230.ral

Page 7

Search completed: August 22, 2005, 15:02:27  
Job time : 19 secs

---

**This Page Blank (uspto)**



GenCore version 5.1.6  
Copyright (c) 1993 - 2005 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: August 22, 2005, 15:00:04 ; Search time 61.3125 Seconds  
(without alignments)  
57.481 Million cell updates/sec

Title: US-09-887-853-6\_COPY\_222\_230  
Perfect score: 49  
Sequence: 1 LQYAIFFYT 9

Scoring table: BIOSWM62  
Gapop 10.0 , Gapext 0.5

Searched: 1759131 seqs, 391586102 residues

Total number of hits satisfying chosen parameters: 1759131

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications AA:\*

- 1: /cgn2\_6/prodata/1/pubppaa/US07\_PUBCOMB.pep:\*
- 2: /cgn2\_6/prodata/1/pubppaa/PCT\_NEW\_PUB.pep:\*
- 3: /cgn2\_6/prodata/1/pubppaa/US06\_NEW\_PUB.pep:\*
- 4: /cgn2\_6/prodata/1/pubppaa/US06\_PUBCOMB.pep:\*
- 5: /cgn2\_6/prodata/1/pubppaa/US07\_NEW\_PUB.pep:\*
- 6: /cgn2\_6/prodata/1/pubppaa/PCTUS\_PUBCOMB.pep:\*
- 7: /cgn2\_6/prodata/1/pubppaa/US08\_NEW\_PUB.pep:\*
- 8: /cgn2\_6/prodata/1/pubppaa/US08\_PUBCOMB.pep:\*
- 9: /cgn2\_6/prodata/1/pubppaa/US09A\_PUBCOMB.pep:\*
- 10: /cgn2\_6/prodata/1/pubppaa/US09B\_PUBCOMB.pep:\*
- 11: /cgn2\_6/prodata/1/pubppaa/US09C\_PUBCOMB.pep:\*
- 12: /cgn2\_6/prodata/1/pubppaa/US09\_NEW\_PUB.pep:\*
- 13: /cgn2\_6/prodata/1/pubppaa/US10A\_PUBCOMB.pep:\*
- 14: /cgn2\_6/prodata/1/pubppaa/US10B\_PUBCOMB.pep:\*
- 15: /cgn2\_6/prodata/1/pubppaa/US10C\_PUBCOMB.pep:\*
- 16: /cgn2\_6/prodata/1/pubppaa/US10D\_PUBCOMB.pep:\*
- 17: /cgn2\_6/prodata/1/pubppaa/US10E\_PUBCOMB.pep:\*
- 18: /cgn2\_6/prodata/1/pubppaa/US10F\_NEW\_PUB.pep:\*
- 19: /cgn2\_6/prodata/1/pubppaa/US11A\_PUBCOMB.pep:\*
- 20: /cgn2\_6/prodata/1/pubppaa/US11\_NEW\_PUB.pep:\*
- 21: /cgn2\_6/prodata/1/pubppaa/US60\_NEW\_PUB.pep:\*
- 22: /cgn2\_6/prodata/1/pubppaa/US60\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	49	100.0	243	9	US-09-887-853-6
2	49	100.0	243	17	US-10-683-547-6
3	49	100.0	267	9	US-09-766-543-10
4	49	100.0	276	9	US-09-766-543-12
5	43	87.8	108	14	US-10-010-723-45
6	39	79.6	217	16	US-10-437-963-119518
7	36	73.5	9	10	US-09-920-262A-6
8	36	73.5	9	14	US-10-268-501-12
9	36	73.5	9	15	US-10-608-626-12
10	36	73.5	9	16	US-10-719-310-12
11	36	73.5	9	17	US-10-912-994-6

12	36	73.5	9	17	US-10-975-883-6	Sequence 6, Appl1
13	36	73.5	88	16	US-10-437-963-137213	Sequence 137213,
14	36	73.5	107	14	US-10-268-501-1	Sequence 1, Appl1
15	36	73.5	107	14	US-10-268-501-3	Sequence 3, Appl1
16	36	73.5	107	15	US-10-608-626-1	Sequence 1, Appl1
17	36	73.5	107	15	US-10-608-626-3	Sequence 3, Appl1
18	36	73.5	107	15	US-10-600-152-10	Sequence 10, Appl1
19	36	73.5	107	15	US-10-600-152-12	Sequence 12, Appl1
20	36	73.5	107	16	US-10-619-754-1	Sequence 1, Appl1
21	36	73.5	107	16	US-10-619-754-3	Sequence 3, Appl1
22	36	73.5	107	16	US-10-774-076-3	Sequence 3, Appl1
23	36	73.5	107	16	US-10-774-076-14	Sequence 14, Appl1
24	36	73.5	107	16	US-10-719-310-1	Sequence 1, Appl1
25	36	73.5	107	16	US-10-719-310-3	Sequence 3, Appl1
26	36	73.5	107	17	US-10-877-532-3	Sequence 3, Appl1
27	36	73.5	107	17	US-10-503-504-7	Sequence 7, Appl1
28	36	73.5	107	17	US-10-484-280-2	Sequence 2, Appl1
29	36	73.5	107	17	US-10-484-280-12	Sequence 12, Appl1
30	36	73.5	107	17	US-10-484-280-27	Sequence 27, Appl1
31	36	73.5	108	10	US-09-920-262A-8	Sequence 8, Appl1
32	36	73.5	108	17	US-10-912-994-8	Sequence 8, Appl1
33	36	73.5	108	17	US-10-975-883-8	Sequence 8, Appl1
34	36	73.5	109	9	US-09-811-123-5	Sequence 4, Appl1
35	36	73.5	109	9	US-09-811-123-5	Sequence 5, Appl1
36	36	73.5	110	18	US-10-996-316-209	Sequence 209, App
37	36	73.5	127	16	US-10-774-076-11	Sequence 11, Appl1
38	36	73.5	127	16	US-10-774-076-19	Sequence 19, Appl1
39	36	73.5	214	17	US-10-503-504-8	Sequence 8, Appl1
40	36	73.5	214	17	US-10-484-280-14	Sequence 14, Appl1
41	36	73.5	622	16	US-10-437-963-183264	Sequence 183264,
42	35	71.4	9	9	US-09-924-099-10	Sequence 10, Appl1
43	35	71.4	9	9	US-09-924-099-5	Sequence 5, Appl1
44	35	71.4	9	14	US-10-367-506-10	Sequence 10, Appl1
45	35	71.4	69	14	US-10-106-698-7392	Sequence 7392, Ap

#### ALIGNMENTS

RESULT 1  
US-09-887-853-6  
Sequence 6, Application US/09887853  
Patent No. US20020168375A1  
GENERAL INFORMATION:  
APPLICANT: Huston, James S.  
Oppermann, Hermann  
Houston, L. L.  
Ring, David B.  
TITLE OF INVENTION: Biosynthetic Binding Proteins For  
Imaging  
NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESSES:  
ADDRESSER: Testa, Hurwitz & Thibault/Patent Department  
STREET: Exchange Place, 53 State Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/887,853  
FILING DATE: 21-Jun-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/133,804  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Kelley, Robin D.  
REGISTRATION NUMBER: 34,637

REFERENCE/DOCKET NUMBER: 2054/22  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-248-7477  
TELEFAX: 617-248-7100  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 243 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
US-09-887-853-6

Query Match 100.0%; Score 49; DB 9; Length 243;  
Best Local Similarity 100.0%; Pred. No. 0.34;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LQYAIFFPYT 9  
Db 222 LQYAIFFPYT 230

RESULT 2  
US-10-683-547-6  
Sequence 6, Application US/10683547  
Publication No. US20050058638A1  
GENERAL INFORMATION:  
APPLICANT: Huston, J.  
APPLICANT: Houston, L.L.  
APPLICANT: Ring, D.  
APPLICANT: Oppermann, H.  
TITLE OF INVENTION: BIOSYNTHETIC BINDING PROTEINS FOR IMMUNO-TARGETING  
FILE REFERENCE: CIBT-P01-130  
CURRENT APPLICATION NUMBER: US/10/683,547  
CURRENT FILING DATE: 2003-10-10  
PRIORITY APPLICATION NUMBER: US/09/558,741  
PRIOR FILING DATE: 2000-04-26  
PRIOR APPLICATION NUMBER: 07/831,967  
PRIOR FILING DATE: 1992-02-06  
NUMBER OF SEQ ID NOS: 16  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 6  
LENGTH: 243  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: 520C9 sFv  
US-10-683-547-6

Query Match 100.0%; Score 49; DB 17; Length 243;  
Best Local Similarity 100.0%; Pred. No. 0.34;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LQYAIFFPYT 9  
Db 222 LQYAIFFPYT 230

RESULT 3  
US-09-766-543-10  
Sequence 10, Application US/09766543  
Patent No. US20020041865A1  
GENERAL INFORMATION:  
APPLICANT: Austin, Richard  
APPLICANT: Kwok, Cheuk S.  
APPLICANT: Ring, David B.  
TITLE OF INVENTION: METHODS FOR TREATING TUMORS  
FILE REFERENCE: PP01679, 002  
CURRENT APPLICATION NUMBER: US/09/766,543  
CURRENT FILING DATE: 2000-01-19  
PRIOR APPLICATION NUMBER: 60/117,258  
PRIOR FILING DATE: 2000-01-20  
NUMBER OF SEQ ID NOS: 14

SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 10  
LENGTH: 267  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: 520C9  
OTHER INFORMATION: humanized single-chain antibody used in the  
OTHER INFORMATION: IL-2-antibody fusions  
US-09-766-543-10

Query Match 100.0%; Score 49; DB 9; Length 267;  
Best Local Similarity 100.0%; Pred. No. 0.37;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LQYAIFFPYT 9  
Db 241 LQYAIFFPYT 249

RESULT 4  
US-09-766-543-12  
Sequence 12, Application US/09766543  
Patent No. US20020041865A1  
GENERAL INFORMATION:  
APPLICANT: Austin, Richard  
APPLICANT: Kwok, Cheuk S.  
APPLICANT: Ring, David B.  
TITLE OF INVENTION: METHODS FOR TREATING TUMORS  
FILE REFERENCE: PP01679, 002  
CURRENT APPLICATION NUMBER: US/09/766,543  
CURRENT FILING DATE: 2000-01-19  
PRIOR APPLICATION NUMBER: 60/177,258  
PRIOR FILING DATE: 2000-01-20  
NUMBER OF SEQ ID NOS: 14  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 12  
LENGTH: 276  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: H520C9sFv plus  
US-09-766-543-12

Query Match 100.0%; Score 49; DB 9; Length 276;  
Best Local Similarity 100.0%; Pred. No. 0.38;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LQYAIFFPYT 9  
Db 241 LQYAIFFPYT 249

RESULT 5  
US-10-010-729-45  
Sequence 45, Application US/10010729  
Publication No. US20030185827A1  
GENERAL INFORMATION:  
APPLICANT: Rodriguez, Moses  
APPLICANT: Miller, David J.  
APPLICANT: Pease, Larry R.  
TITLE OF INVENTION: Human IGM Antibodies and Diagnostic and  
TITLE OF INVENTION: Therapeutic Uses Thereof Particularly in the Central Nervous  
TITLE OF INVENTION: System  
FILE REFERENCE: 1199-1-005CIP2  
CURRENT APPLICATION NUMBER: US/10/010,729  
CURRENT FILING DATE: 2001-11-13  
PRIOR APPLICATION NUMBER: 09/730,473  
PRIOR FILING DATE: 2000-12-05  
PRIOR APPLICATION NUMBER: 09/580,787  
PRIOR FILING DATE: 2000-05-30  
PRIOR APPLICATION NUMBER: 09/322,862

PRIOR FILING DATE: 1999-05-28  
PRIOR APPLICATION NUMBER: 08/779,784  
PRIOR FILING DATE: 1997-01-07  
PRIOR APPLICATION NUMBER: 08/692,084  
PRIOR FILING DATE: 1996-08-08  
PRIOR APPLICATION NUMBER: 08/236,520  
PRIOR FILING DATE: 1994-04-29  
NUMBER OF SEQ ID NOS: 80  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 45  
LENGTH: 108  
TYPE: PRT  
ORGANISM: Mus musculus  
US-10-010-729-45

Query Match 87.8%; Score 43; DB 14; Length 108;  
Best Local Similarity 88.9%; Pred. No. 2;  
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 LOYAFPPY 9  
|||  
Db 89 LOYASFPY 97

RESULT 6  
US-10-437-963-119518  
Sequence 119518, Application US/10437963  
Publication No. US20040123343A1  
GENERAL INFORMATION:  
APPLICANT: La Rosa, Thomas J.  
APPLICANT: Kovalic, David K.  
APPLICANT: Zhou, Yihua  
APPLICANT: Cao, Yongwei  
APPLICANT: Wu, Wei  
APPLICANT: Boukharov, Andrey A.  
APPLICANT: Barbazuk, Brad  
APPLICANT: Li, Ping  
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated with  
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement  
FILE REFERENCE: 38-21(53221)B  
CURRENT APPLICATION NUMBER: US/10/437,963  
CURRENT FILING DATE: 2003-05-14  
NUMBER OF SEQ ID NOS: 204966  
SEQ ID NO 119518  
LENGTH: 217  
TYPE: PRT  
ORGANISM: Oryza sativa  
FEATURE:  
OTHER INFORMATION: Clone ID: PAT\_MRT4530\_22728C.1.pcp.  
US-10-437-963-119518

Query Match 79.6%; Score 39; DB 16; Length 217;  
Best Local Similarity 85.7%; Pred. No. 23;  
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 3 YAFPPY 9  
|||  
Db 199 YAVFPY 205

RESULT 7  
US-09-920-262A-6  
Sequence 6, Application US/09920262A  
Publication No. US20030124123A1  
GENERAL INFORMATION:  
APPLICANT: Shealy, David  
APPLICANT: Knight, David  
APPLICANT: Scailon, Bernie  
APPLICANT: Giles-Komar, Jill  
APPLICANT: Perille, David  
TITLE OF INVENTION: ANTI-IL-12 ANTIBODIES, COMPOSITIONS, METHODS AND USES  
FILE REFERENCE: GEN0248  
CURRENT APPLICATION NUMBER: US/09/920,262A

CURRENT FILING DATE: 2002-05-06  
PRIOR APPLICATION NUMBER: 60/223,358  
PRIOR FILING DATE: 2000-08-07  
PRIOR APPLICATION NUMBER: 60/236,827  
PRIOR FILING DATE: 2000-09-29  
NUMBER OF SEQ ID NOS: 15  
SOFTWARE: PatentIn Ver 3.1  
SEQ ID NO 6  
LENGTH: 9  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-920-262A-6

Query Match 73.5%; Score 36; DB 10; Length 9;  
Best Local Similarity 75.0%; Pred. No. 1.6e+06;  
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

OY 2 QYAFPPY 9  
|||  
Db 2 QYNYPPY 9

RESULT 8  
US-10-268-501-12  
Sequence 12, Application US/10268501  
Publication No. US20030086924A1  
GENERAL INFORMATION:  
APPLICANT: Sliwowski, Mark X.  
TITLE OF INVENTION: Treatment with Anti-ErbB2 Antibodies  
FILE REFERENCE: P1467R2P1  
CURRENT APPLICATION NUMBER: US/10/268,501  
CURRENT FILING DATE: 2002-10-10  
PRIOR APPLICATION NUMBER: US 09/602,812  
PRIOR FILING DATE: 2000-06-23  
PRIOR APPLICATION NUMBER: US 60/141,316  
PRIOR FILING DATE: 1999-06-25  
NUMBER OF SEQ ID NOS: 13  
SEQ ID NO 12  
LENGTH: 9  
TYPE: PRT  
ORGANISM: Mus musculus  
US-10-268-501-12

Query Match 73.5%; Score 36; DB 14; Length 9;  
Best Local Similarity 75.0%; Pred. No. 1.6e+06;  
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

OY 2 QYAFPPY 9  
|||  
Db 2 QYNYPPY 9

RESULT 9  
US-10-608-626-12  
Sequence 12, Application US/10608626  
Publication No. US20040013667A1  
GENERAL INFORMATION:  
APPLICANT: Kelsey, Stephen M.  
APPLICANT: Sliwowski, Mark X.  
TITLE OF INVENTION: Treatment with Anti-ErbB2 Antibodies  
FILE REFERENCE: P1467R2P2  
CURRENT APPLICATION NUMBER: US/10/608,626  
CURRENT FILING DATE: 2003-06-27  
PRIOR APPLICATION NUMBER: US 10/268,501  
PRIOR FILING DATE: 2002-10-10  
PRIOR APPLICATION NUMBER: US 09/602,812  
PRIOR FILING DATE: 2000-06-23  
PRIOR APPLICATION NUMBER: US 60/141,316  
PRIOR FILING DATE: 1999-06-25  
NUMBER OF SEQ ID NOS: 13  
SEQ ID NO 12  
LENGTH: 9  
TYPE: PRT

ORGANISM: Mus musculus  
US-10-608-626-12

Query Match 73.5%; Score 36; DB 15; Length 9;  
Best Local Similarity 75.0%; Pred. No. 1.6e+06;  
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2 QYAIFFPYT 9  
Db 2 QYIIFPYT 9

RESULT 10  
US-10-719-310-12  
Sequence 12, Application US/10719310  
Publication No. US20040258685A1  
GENERAL INFORMATION:

APPLICANT: Brunetta, Paul G.  
APPLICANT: Sliwowski, Mark X.  
TITLE OF INVENTION: THERAPY OF NON-MALIGNANT DISEASES OR DISORDERS WITH  
FILE REFERENCE: P1979R1  
CURRENT APPLICATION NUMBER: US/10/719,310  
CURRENT FILING DATE: 2003-11-21  
PRIOR APPLICATION NUMBER: US 60/428,027  
PRIOR FILING DATE: 2002-11-21  
NUMBER OF SEQ ID NOS: 13  
SEQ ID NO 12  
LENGTH: 9  
TYPE: PRT  
ORGANISM: Mus musculus  
US-10-719-310-12

Query Match 73.5%; Score 36; DB 16; Length 9;  
Best Local Similarity 75.0%; Pred. No. 1.6e+06;  
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2 QYAIFFPYT 9  
Db 2 QYIIFPYT 9

RESULT 11

US-10-912-994-6  
Sequence 6, Application US/10912994  
Publication No. US2005002937A1  
GENERAL INFORMATION:

APPLICANT: Giles-Komar, Jill  
APPLICANT: Knight, David  
APPLICANT: Peritt, David  
APPLICANT: Scallion, Bernie  
APPLICANT: Shealy, David  
TITLE OF INVENTION: ANTI-IL-12 ANTIBODIES, COMPOSITIONS, METHODS AND USES  
FILE REFERENCE: CEN0248DIV1  
CURRENT APPLICATION NUMBER: US/10/912,994  
CURRENT FILING DATE: 2004-08-06  
PRIOR APPLICATION NUMBER: US 60/223,358  
PRIOR FILING DATE: 2000-08-07  
PRIOR APPLICATION NUMBER: US 60/236,827  
PRIOR FILING DATE: 2000-09-29  
PRIOR APPLICATION NUMBER: US 09/920,262  
PRIOR FILING DATE: 2001-08-01  
NUMBER OF SEQ ID NOS: 15  
SOFTWARE: PatentIn Ver 3.1  
SEQ ID NO 6  
LENGTH: 9  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-912-994-6

Query Match 73.5%; Score 36; DB 17; Length 9;  
Best Local Similarity 75.0%; Pred. No. 1.6e+06;  
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2 QYAIFFPYT 9  
Db 2 QYIIFPYT 9

RESULT 12  
US-10-975-883-6  
Sequence 6, Application US/10975883  
Publication No. US20050112127A1  
GENERAL INFORMATION:

APPLICANT: Giles-Komar, Jill  
APPLICANT: Knight, David  
APPLICANT: Peritt, David  
APPLICANT: Scallion, Bernie  
APPLICANT: Shealy, David  
TITLE OF INVENTION: ANTI-IL-12 ANTIBODIES AND USES  
FILE REFERENCE: CEN0248DIV04  
CURRENT APPLICATION NUMBER: US/10/975,883  
CURRENT FILING DATE: 2004-10-28  
PRIOR APPLICATION NUMBER: US 60/223,358  
PRIOR FILING DATE: 2000-08-07  
PRIOR APPLICATION NUMBER: US 60/236,827  
PRIOR FILING DATE: 2000-09-29  
PRIOR APPLICATION NUMBER: US 09/920,262  
PRIOR FILING DATE: 2001-08-01  
NUMBER OF SEQ ID NOS: 15  
SOFTWARE: PatentIn Ver 3.1  
SEQ ID NO 6  
LENGTH: 9  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-975-883-6

Query Match 73.5%; Score 36; DB 17; Length 9;  
Best Local Similarity 75.0%; Pred. No. 1.6e+06;  
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2 QYAIFFPYT 9  
Db 2 QYIIFPYT 9

RESULT 13

US-10-437-963-137213  
Sequence 137213, Application US/10437963  
Publication No. US20040123343A1  
GENERAL INFORMATION:

APPLICANT: La Rosa, Thomas J.  
APPLICANT: Kovalic, David K.  
APPLICANT: Zhou, Yihua  
APPLICANT: Cao, Yongwei  
APPLICANT: Wu, Wei  
APPLICANT: Boukharov, Andrey A.  
APPLICANT: Barbazuk, Brad  
APPLICANT: Li, Ping  
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With  
FILE REFERENCE: 38-21(53221)B  
CURRENT APPLICATION NUMBER: US/10/437,963  
CURRENT FILING DATE: 2003-05-14  
NUMBER OF SEQ ID NOS: 204966  
SEQ ID NO 137213  
LENGTH: 88  
TYPE: PRT  
ORGANISM: Oryza sativa  
FEATURE:  
OTHER INFORMATION: Clone ID: PAT\_MRT4530\_38717C.1.pep  
US-10-437-963-137213

Query Match 73.5%; Score 36; DB 16; Length 88;  
Best Local Similarity 85.7%; Pred. No. 35;  
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 3 YAIFFPT 9  
:|||||  
Db 60 FAIFPT 66

RESULT 14  
US-10-268-501-1  
; Sequence 1, Application US/10268501  
; Publication No. US20030086924A1  
; GENERAL INFORMATION:  
; APPLICANT: Sliwowski, Mark X.  
; TITLE OF INVENTION: Treatment with Anti-ErbB2 Antibodies  
; FILE REFERENCE: P1467R2P1  
; CURRENT APPLICATION NUMBER: US/10/268,501  
; PRIOR FILING DATE: 2002-10-10  
; PRIOR APPLICATION NUMBER: US 09/602,812  
; PRIOR FILING DATE: 2000-06-23  
; PRIOR APPLICATION NUMBER: US 60/141,316  
; PRIOR FILING DATE: 1999-06-25  
; NUMBER OF SEQ ID NOS: 13  
; SEQ ID NO 1  
; LENGTH: 107  
; TYPE: PRT  
; ORGANISM: Mus Musculus  
US-10-268-501-1

Query Match 73.5%; Score 36; DB 14; Length 107;  
Best Local Similarity 75.0%; Pred. No. 43;  
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

OY 2 QYAIFFPT 9  
|||:||||  
Db 90 QYIYIYPT 97

RESULT 15  
US-10-268-501-3  
; Sequence 3, Application US/10268501  
; Publication No. US20030086924A1  
; GENERAL INFORMATION:  
; APPLICANT: Sliwowski, Mark X.  
; TITLE OF INVENTION: Treatment with Anti-ErbB2 Antibodies  
; FILE REFERENCE: P1467R2P1  
; CURRENT APPLICATION NUMBER: US/10/268,501  
; PRIOR FILING DATE: 2002-10-10  
; PRIOR APPLICATION NUMBER: US 09/602,812  
; PRIOR FILING DATE: 2000-06-23  
; PRIOR APPLICATION NUMBER: US 60/141,316  
; PRIOR FILING DATE: 1999-06-25  
; NUMBER OF SEQ ID NOS: 13  
; SEQ ID NO 3  
; LENGTH: 107  
; TYPE: PRT  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: humanized VL sequence  
US-10-268-501-3

Query Match 73.5%; Score 36; DB 14; Length 107;  
Best Local Similarity 75.0%; Pred. No. 43;  
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

OY 2 QYAIFFPT 9  
|||:||||  
Db 90 QYIYIYPT 97

Search completed: August 22, 2005, 15:38:28  
Job time : 62.3125 secs

**This Page Blank (uspto)**

somatostatin receptor 2 - mouse

C.Species: Mus musculus (house mouse)  
C.Date: 30-Sep-1993 #sequence\_revision 30-Sep-1993 #text\_change 09-Jul-2004  
A.Accession: D41795; I56236  
R.Yamada, Y.; Post, S.R.; Wang, K.; Tager, H.S.; Bell, G.I.; Seino, S.  
Proc. Natl. Acad. Sci. U.S.A. 89, 251-255, 1992  
A.Title: Cloning and functional characterization of a family of human and mouse somatostatins  
A.Reference number: A41795; MUID:92108031; PMID:1346068  
A.Accession: D41795  
A.Status: nucleic acid sequence not shown  
A.Molecule type: DNA  
A.Residues: 1-369 <YAM>

A.Cross-references: UNIPROT:P30875; GB:M81832; NID:g201060; PIDN:AAA58256.1; PTD:g201064

R.Elliott, D.B.; Metcali, A.; Blum, A.M.; Sandor, W.; Lynch, R.; Weinstein, J.V.  
J. Immunol., 153, 1180-1186, 1994  
A.Article: T lymphocytes isolated from the hepatic granulomas of schistosoma-infected mice  
A.Reference number: I56236; MUID:94300079; PMID:7913111  
A.Accession: I56236

A>Status: preliminary; translated from GB/EMBL/DDBJ  
A.Molecule type: mRNA  
A.Residues: 99-309 <RES>  
A.Cross-references: GB:S71756; NID:g560631  
C:Superfamily: Vertebrate rhodopsin

C.Keywords: G protein-coupled receptor; hormone receptor; transmembrane protein

Query Match 12.6%; Score 206; DB 2; Length 369;  
Best Local Similarity 19.9%; Pred. No. 1.5e-09;  
Matches 55; Conservative 68; Mismatches 125; Indels 28; Gaps 7;

Oy 28 LLSLYTILVIGLVG---VISILFLVMKTRSYTMVAIVNVHVSFVLTVPPRLTL 84  
|||:|||:: |||:: |||:: |||:: |||:: |||:: |||:: |||:: |||:  
Db LFETIYVVCVGCGNTLVTIYLIRYAKMT--ITNIYILMAIDELFMGLPFAMOV 103  
85 IKTNMFGLEPCKEFSAMLHMILTFLFYVILVTRYLIPEPKDKVEFYRKLAHAAS 144  
104 ALVHWFEGRALICRVMMVDGINQFTSIFCLTWMSIDRI LAVHPFKSAKRPRPTAKMN 163  
Oy 145 AGMYLTIVIVPLVSVSRYGIEHYNEHC-FKEHKELAYTYVKIINTWIVI-FVIYAV 202  
|||:: |||:: |||:: |||:: |||:: |||:: |||:: |||:: |||:  
Db 164 VAWMCVSLVILPIIMIAAGLRSNQMGRSSCTINMPGESGAWTGFIYAFLIGFLVPLTI 223  
Oy 203 ILIVPOVFIIIMLVOKLRHSLSHQEFWAQLKNL--FFIGVILVCFPYQFRITY---- 255  
|||:: |||:: |||:: |||:: |||:: |||:: |||:: |||:: |||:  
Db 224 ICICYFIIIKVXSSGGIRVSSSKKKSEKKTATRWISIVAAVFIPLCPFYIENVSSVSA 283  
Oy 256 -----YLNVTSHNACSSKV--AFYNEIF 277  
|||:: |||:: |||:: |||:: |||:: |||:: |||:: |||:: |||:  
Db 284 ISPTPALKGMFDVVILLTVANSCANPILYYAFLSDNF 319

RESULT 11

B41795  
somatostatin receptor 2 - human

C.Species: Homo sapiens (man)  
C.Date: 31-Dec-1993 #sequence\_revision 31-Dec-1993 #text\_change 09-Jul-2004  
A.Accession: B41795  
R.Yamada, Y.; Post, S.R.; Wang, K.; Tager, H.S.; Bell, G.I.; Seino, S.  
Proc. Natl. Acad. Sci. U.S.A. 89, 251-255, 1992  
A>Title: Cloning and functional characterization of a family of human and mouse somatostatins  
A.Reference number: A41795; MUID:92108031; PMID:1346068  
A.Accession: B41795  
A.Molecule type: DNA  
A.Residues: 1-369 <YAM>

A.Cross-references: UNIPROT:P30874; GB:M81830; NID:g307435; PIDN:AAA58248.1; PTD:g307436

A>Note: sequence extracted from NCBI database (NCBIN:74769, NCBIPI:74770)

C.Genetics:

A.Gene: GDB:BSTR2  
A.Cross-references: GDB:I34186; OMIM:182452  
A.Map position: 17q24-17q24  
A.Introns: status absent  
C:Superfamily: vertebrate rhodopsin

C.Keywords: G protein-coupled receptor; glycoprotein; hormone receptor; lipoprotein; phg  
#f44-69/domain: transmembrane #status predicted<TM>

**Query Match** 12.5% Score 205; DB 2; Length 369;  
Best Local Similarity 20.7%; Pred. No. 1.8e-09;  
Matches 57; Conservative 66; Mismatches 125; Indels 28; Gaps 7;

Dy LISHYFIYLIGLVG---VISILFLVKNTRSYTTAAVINLWVHVSVELLTVPRLTYL 84  
| : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | :  
Db LTFIYFVCITIGLGNTLVIVILRYAKMT--ITNYYILALADELFMLGLPPLAMQV 103  
| : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | :  
Dy IKKTVMGSLPCPKVSAAMLHMVTLTFLFYVVLIVTRYLIFFCKDKVEFYRKLHVAAS 144  
| : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | :  
Db ALVMPFGKAIICRVVMVDGINOFTSIFCLTVMSIDRLAVHPISAKMRRPTAKMIT 163  
| : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | :  
Dy AGMMTLVIVVLPVLSRYGIHEYNBEHC-FKHKELAYTYVKINMYI-VPIAVAV 202  
| : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | :  
Db VAWGVSLVLIPIMTIAGRSNQMGSSCTINPGESGAMYGTIIYAFLGFLVPLTI 223  
| : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | :  
Dy ILAVFOVFIIIMLVOKLRHSLLSHOEFAOLKNL--FFIGVILCFPLPYOFRIY----- 255  
| : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | :  
  
RESULT 12  
A45291  
somatostatin receptor, somatotropin release-inhibiting factor receptor, SRIF receptor -  
C:Species: Rattus norvegicus (Norway rat)  
C>Date: 25-Mar-1993 #sequence\_revision 18-Nov-1994 #text\_change 09-Jul-2004  
C:Accession: A45291  
R.Kluxen, F.W.; Bruns, C.; Lubbert, H.  
Proc. Natl. Acad. Sci. U.S.A. 89, 4618-4622, 1992  
A>Title: Expression cloning of a rat brain somatostatin receptor cDNA.  
A:Reference number: A45291; MUID:92262491; PMID:1374909  
A:Accession: A45291  
A>Status: preliminary  
A:Molecule type: mRNA  
A:Residues: 1-369 <NU>  
A:Cross-references: UNIPROT:P30680; GB:M53273; NID:g207026; PTDN:AAA42165.1; PID:g20702  
A>Note: sequence extracted from NCBI backbone (NCBIN:102315, NCBI:P:102316)  
C:Superfamily: vertebrate rhodopsin  
;Keywords: G protein-coupled receptor; transmembrane protein

**Query Match** 12.5% Score 205; DB 2; Length 369;  
Best Local Similarity 19.9%; Pred. No. 1.8e-09;  
Matches 55; Conservative 66; Mismatches 125; Indels 28; Gaps 7;

Dy LISLYFIYLIGLVG---VISILFLVKNTRSYTTAAVINLWVHVSVELLTVPRLTYL 84  
| : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | :  
Db LTFIYFVCITIGLGNTLVIVILRYAKMT--ITNYYILALADELFMLGLPPLAMQV 103  
| : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | :  
Dy IKKTVMGSLPCPKVSAAMLHMVTLTFLFYVVLIVTRYLIFFCKDKVEFYRKLHVAAS 144  
| : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | :  
Db ALVMPFGKAIICRVVMVDGINOFTSIFCLTVMSIDRLAVHPISAKMRRPTAKMIT 163  
| : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | :  
Dy AGMMTLVIVVLPVLSRYGIHEYNBEHC-FKHKELAYTYVKINMYI-VPIAVAV 202  
| : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | :  
Db VAWGVSLVLIPIMTIAGRSNQMGSSCTINPGESGAMYGTIIYAFLGFLVPLTI 223  
| : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | :  
Dy ILAVFOVFIIIMLVOKLRHSLLSHOEFAOLKNL--FFIGVILCFPLPYOFRIY----- 255  
| : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | :

```

Db      224  ICLCYFLIIKTKSSGIRVGSSKKKSEKTKTRMISIVAVFIICMLPFIYINSSVSA 283
Qy      256  -----YLVVTTHSNACSSKV-AFYNIEIF 277
          :::::|:::|:::|:::|
Db      284  ISPTPALKGMFDFVILITVANSKANPILYAFISDNF 319

```

## RESULT 13

C:Somatostatin receptor 2B - mouse  
C:Species: Mus musculus (house mouse)  
C:Date: 13-Jan-1995 #sequence\_revision 13-Jan-1995 #text\_change 09-Jul-2004  
C:Accession: S29248  
R:Vanetti, M.; Koubza, M.; Wang, X.; Vogt, G.; Hoellt, V.  
FEBS Lett. 311, 290-294, 1992  
A:Title: Cloning and expression of a novel mouse somatostatin receptor (SSTR2b).  
A:Reference numbers: S29248; MUID:93012001; PMID:1397330  
A:Accession: S29248  
A:Status: preliminary  
A:Molecule type: mRNA  
A:Residues: 1-346 <VAN>  
A:Cross-references: UNIPROT:P30875; EMBL:X68951; NID:g54197; PIDD:CAA48766.1; PID:g54199  
C:Superfamily: vertebrate rhodopsin  
C:Keywords: G protein-coupled receptor; transmembrane protein

Query Match	12.4%	Score 203;	DB 2;	Length 346;
Best Local Similarity	19.9%	Pred. NO. 2.5e-09;		
Matches 55; Conservative	67;	Mismatches 126;	Indels 28;	Gaps 7

Qy 28 LLSILYFIVLIGLTVG---VISILFLKKNNTRSTYTMVAVINLVVSHSVELTTPRRLTYL 84

Db 46 LRFYIFPVVCVGVGCGNTLVYIVILRYAKKKT--LTINITYLINALADELFEMIGLPELMAOV 103

Dy 85 IKKTWMPGLPFCFKFVSAMLIHMYLTFLFVYILVTIRYLFPCKDKVEFYRKLAHAVAS 144  
|||:::||||:::  
Db 104 ALVHPFGAICRVMTVDGINOPFSIFCLTWMSIDRYLAVHPISAKWRPRTACMIN 163

```
QY      145 AGMMTLVIVLVLVSVSRGIIHEETNBEHC-FKFHKELATYYVKIINMYIVI-FVIAVAV 202
       :|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::
Db      164 VAWVCVSILVTIPMTYAGLRSDNMGRSSCTTNMPDESGAWTGFTVAFTGIWDET 223
```

QY 203 ILVFOVIMLMVOKLRHLSLSHOFMAOLKNL--FFIGVILVCFPIYQFFRIY----- 255

```
QY      256 -----YLNVTHSNACSSKV--AFYNEIF 277
```

## RESULT 14

thrombin receptor - rat  
C:Species: Rattus norvegicus (Norway rat)  
C:Date: 04-Mar-1993 #sequence\_revision 18-Nov-1994 #text\_change 09-Jul-2004  
C:Accession: A43448  
R:Zhong, C.; Hayzer, D.J.; Corson, M.A.; Runge, M.S.  
J. Biol. Chem. 267, 16975-16979, 1992  
A:Title: Molecular cloning of the rat vascular smooth muscle thrombin receptor. Evidence  
A:Reference number: A43448; MUID:92381002; PMID:1324917  
A:Accession: A43448  
A:Status: Preliminary  
A:Molecule type: mRNA  
A:Residues: 1-432 <ZHO>  
A:Cross-references: UNIPROT:P26824; GB:M81642; NID:G207465; PIDN:AAA42274.1; PID:G207466  
A:Experimental source: RASM aortic smooth muscle cells  
A:Note: sequence extracted from NCBI backbone (NCBIN:111973, NCBI:P.111974)  
C:Keywords: G protein-coupled receptor; transmembrane protein

Query Match	12.4%;	Score 202.5;	DB 2;	Length 432;
Best Local Similarity	23.1%;	Pred. No. 3.3e-09;		
Matches 80;	Conservative 66;	Mismatches 137;	Indels 63;	Gaps 15

```

Qy      1 MCKCDPEPMP-----GNTSRNSSCPPIVPHLISLYFVLIGL--VGVISLTL 49
Db      81 LNKSRPPMPMPPEPISDASGYLT-----PMLTLFIPSVYTFVFIPLNLTAIAVF 134
Qy      50 LVYKQNTRSYTTAAVINLVVHSHVFLFLVTPFRITLYIKKT--MMFGLPCKFPYSAMLIHMY 108
Db      135 VEPMKKKKAAVVVMTMLHMAVDLVFSVLPFKISYIFSGTDMPQFSGMCRFTALCYCMY 199
Qy      109 LTFLFYVVLIVTRYLLFPFKCKDKVFPYKRLAAVAASAGMTLVIVIVLPLVSRV----- 163
Db      195 ASLMTMTVISIDRFILAVVYPIQSLSEMRLLGRANFLCVIIMWALMGVPLLLKQTTQVP 259
Qy      164 GI-----HEEYNEHCFKHEKLATYYKIINMIVIFVIAVAVILVFOVFIIML-- 218
Db      255 GLNITTCHELVNETLLHGF-----YSY--YFSAFSAIFFLPLLIISTVCYTSIRCLSS 307
Qy      216 -----VQKRLHSLSHQEFMAQLKPLFTIGVILVCFLPYQFRI--YILNVVTHSNACSSK 266
Db      308 AVANRSKSKRAFLSLAAVFC-----IFIVCFGTNVLILVHYLL--SDSPGT 354
Qy      270 VAFYNEIF--LSVTAI--SCVDILLFVFGSHMFKKKILIMNCVLCR 313
Db      355 TAFVAILLCVCTSVASCIDPLIYYASSECQKH--LTSILCCR 396

```

## RESULT 15

macrophage inflammatory protein-1 alpha receptor - mouse  
 C:Species: Mus musculus (house mouse)  
 C:Date: 02-Jul-1996 #sequence\_revision 02-Jul-1996 #ext\_change 09-Jul-2004  
 C:Accession: I49339  
 R:Gao, J.L.; Murphy, P.M.  
 J. Biol. Chem. 270, 17484-17501, 1995  
 A:Title: Cloning and differential tissue-specific expression of three mouse beta chemokine  
 A:Reference number: I49339; MUID:95340546; PMID:7542241  
 A:Accession: I49339  
 A:Status: preliminary; translated from GB/EMBL/DBS  
 A:Molecule type: DNA  
 A:Residues: 1-355 <RES>  
 A:Cross-references: UNIPROT:P51675; EMBL:U28404; NID:g881547; PIDD:AAA89153.1; PTD:g88155  
 C:Superfamily: vertebrate rhodopsin

Query Match	12.3%	Score 202	DB 2	Length 355
Best Local Similarity	23.3%	Pred. No.	3.1e-09	
Matches 71	Conservative 61	Mismatches 11	Indels 62	Gaps 12

Cy 26 PHLISLVEIVLIGLVG--VISLIFLLVKNTRSVTTMAVINLVVHVSVELLTVEPRRLTVL 84

Db 38 PPLYSLSVEII---GVGQNVLLVILIMOHRRLOSMTSLVLENLAVSDVLEFLTFPEWIDK 94

QY   85 IKTWMFGLPCKFVSAMLHINHYLTLPFYVVLVTRLLIFPKCKDKVEFYRLKHAVAA- 143  
      :  
      :  
      :  
DB 95 LKDDMIFEDAMCKLLSGFYLLGILSEIPEIIILLTIDRYAI-----VHAFL 142  
      :  
      :  
      :

0Y -----SAGMTLVIVIVPLVSRYGTHBEVNEEHCH-----KFKHELAYTYVK 187

144 -----SAGMTLVIVIVPLVSRYGTHBEVNEEHCH-----KFKHELAYTYVK 187

143 PABTVITGITSTTTWALATI:AMDAI:VE--FKAWMEFETPTGCSBNEVAVSI:KQKRPFOAL 201

[illegible]

QY 248 PYQFFRIYYLV-----VTHSNACSSKVAFYNIPLSVTAI-----SCYDILLFVEGG 295

QY 296 SHWPK 300  
::|

Db 306 ERFWK 310

Search completed: September 10, 2005, 10:09:00  
Job time : 25 secs





**This Page Blank (uspto)**

GenCore version 5.1.6  
Copyright (c) 1993 - 2005 Compugen Ltd.

OM protein - protein search, using sw model

Run on: August 22, 2005, 15:00:04 ; Search time 47.6875 Seconds  
(without alignments)  
57.461 Million cell updates/sec

Title: US-09-887-853-6\_COPY\_183\_189

Perfect score: 31  
Sequence: 1 ATSSLDS 7

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 1759131 seqs, 391586102 residues

Total number of hits satisfying chosen parameters: 1759131

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications AA:\*

- 1: /cgn2\_6/prodata/1/pubppaa/US07\_PUBCOMB.pep.\*
- 2: /cgn2\_6/prodata/1/pubppaa/PCT\_NEW\_PUB.pep.\*
- 3: /cgn2\_6/prodata/1/pubppaa/US06\_NEW\_PUB.pep.\*
- 4: /cgn2\_6/prodata/1/pubppaa/US06\_PUBCOMB.pep.\*
- 5: /cgn2\_6/prodata/1/pubppaa/US07\_NEW\_PUB.pep.\*
- 6: /cgn2\_6/prodata/1/pubppaa/PCTUS\_PUBCOMB.pep.\*
- 7: /cgn2\_6/prodata/1/pubppaa/US08\_NEW\_PUB.pep.\*
- 8: /cgn2\_6/prodata/1/pubppaa/US08\_PUBCOMB.pep.\*
- 9: /cgn2\_6/prodata/1/pubppaa/US09\_PUBCOMB.pep.\*
- 10: /cgn2\_6/prodata/1/pubppaa/US09B\_PUBCOMB.pep.\*
- 11: /cgn2\_6/prodata/1/pubppaa/US09C\_PUBCOMB.pep.\*
- 12: /cgn2\_6/prodata/1/pubppaa/US09\_NEW\_PUB.pep.\*
- 13: /cgn2\_6/prodata/1/pubppaa/US10\_PUBCOMB.pep.\*
- 14: /cgn2\_6/prodata/1/pubppaa/US10B\_PUBCOMB.pep.\*
- 15: /cgn2\_6/prodata/1/pubppaa/US10C\_PUBCOMB.pep.\*
- 16: /cgn2\_6/prodata/1/pubppaa/US10D\_PUBCOMB.pep.\*
- 17: /cgn2\_6/prodata/1/pubppaa/US10E\_PUBCOMB.pep.\*
- 18: /cgn2\_6/prodata/1/pubppaa/US10F\_PUBCOMB.pep.\*
- 19: /cgn2\_6/prodata/1/pubppaa/US11\_NEW\_PUB.pep.\*
- 20: /cgn2\_6/prodata/1/pubppaa/US11\_PUBCOMB.pep.\*
- 21: /cgn2\_6/prodata/1/pubppaa/US60\_NEW\_PUB.pep.\*
- 22: /cgn2\_6/prodata/1/pubppaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	31	100.0	7	9 US-09-924-099-4	Sequence 4, Appl1
2	31	100.0	7	16 US-10-307-2768-40	Sequence 40, Appl1
3	31	100.0	7	20 US-11-061-956-40	Sequence 40, Appl1
4	31	100.0	97	11 US-09-864-408A-5474	Sequence 5474, Ap
5	31	100.0	108	9 US-09-924-099-1	Sequence 1, Appl1
6	31	100.0	108	14 US-10-010-729-45	Sequence 45, Appl1
7	31	100.0	108	16 US-10-307-2768-4	Sequence 4, Appl1
8	31	100.0	108	16 US-10-307-2768-6	Sequence 6, Appl1
9	31	100.0	108	16 US-10-803-622-267	Sequence 267, App
10	31	100.0	108	16 US-10-803-653-267	Sequence 267, App
11	31	100.0	108	20 US-11-061-956-4	Sequence 4, Appl1

	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	108	109	109	109	112	130	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	147	234	236	237	237	243	243	243	252	
	US-11-061-956-6	US-09-943-906-74	US-10-435-602-74	US-11-027-139-74	US-10-355-780-1	US-08-779-784-35	US-10-010-729-71	US-10-642-120-4	US-10-642-066-4	US-10-642-122-4	US-10-642-124-4	US-10-621-269-4	US-10-620-850-4	US-10-642-118-4	US-10-642-119-4	US-10-642-117-4	US-10-642-099-4	US-10-642-064-4	US-10-642-116-4	US-10-642-116-4	US-10-642-100-4	US-10-642-058-4	US-10-642-121-4	US-10-642-065-4	US-10-642-071-4	US-10-642-059-4	US-10-106-698-6340	US-10-369-493-9621	US-10-879-994-6	US-10-610-452-6	US-09-924-099-9	US-09-924-099-10	US-09-887-853-6	US-10-683-547-6	US-10-239-656-55
	Sequence 6, Appl1	Sequence 74, Appl1	Sequence 74, Appl1	Sequence 1, Appl1	Sequence 35, Appl1	Sequence 71, Appl1	Sequence 4, Appl1	Sequence 4, Appl1	Sequence 4, Appl1	Sequence 4, Appl1	Sequence 4, Appl1	Sequence 4, Appl1	Sequence 4, Appl1	Sequence 4, Appl1	Sequence 4, Appl1	Sequence 4, Appl1	Sequence 4, Appl1	Sequence 4, Appl1	Sequence 4, Appl1	Sequence 4, Appl1	Sequence 4, Appl1	Sequence 4, Appl1	Sequence 4, Appl1	Sequence 4, Appl1	Sequence 4, Appl1	Sequence 6340, Ap	Sequence 9621, Ap	Sequence 6, Appl1	Sequence 6, Appl1	Sequence 9, Appl1	Sequence 10, Appl1	Sequence 6, Appl1	Sequence 55, Appl1		

#### ALIGNMENTS

RESULT 1  
US-09-924-099-4 ; Application US/09924099  
; Patient No. US20020128450A1  
; GENERAL INFORMATION:  
; APPLICANT: NISHIDA, Yoshihiro  
; APPLICANT: OKURA, Takao  
; APPLICANT: TANIMOTO, Tadao  
; APPLICANT: KIRIMOTO, Masashi  
; TITLE OF INVENTION: PEPTIDE  
; FILE REFERENCE:  
; CURRENT APPLICATION NUMBER: US/09/924, 099  
; CURRENT FILING DATE: 2001-08-08  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/338, 511  
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-06-23  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: JP 289, 044/98  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-12  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: JP 365, 023/98  
; NUMBER OF SEQ ID NOS: 33  
; SEQ ID NO 4  
; LENGTH: 7  
; TYPE: PRT  
; ORGANISM: Mus musculus  
US-09-924-099-4

Query Match 100.0%; Score 31; DB 9; Length 7;  
Best Local Similarity 100.0%; Pred. No. 1.6e+06;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATSSLDS 7  
Db 1 ATSSLDS 7

RESULT 2  
US-10-307-276B-40  
; Sequence 40, Application US/10307276B  
; Publication No. US20040101904A1  
; GENERAL INFORMATION:  
; APPLICANT: William M. Pardridge  
; Ruben J. Boado  
; TITLE OF INVENTION: Delivery Of Pharmaceutical Agents  
; Via The Human Insulin Receptor  
; NUMBER OF SEQUENCES: 50  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: Shapito & Dupont LLP  
; STREET: 233 Wlshire Boulevard, Suite 700  
; CITY: Santa Monica  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 90067  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy Disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: Windows 2000  
; SOFTWARE: MS Word  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/307,276B  
; FILING DATE: 27-Nov-2002  
; CLASSIFICATION: <Unknown>  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Oldenkamp, David J.  
; REGISTRATION NUMBER: 29,421  
; REFERENCE/DOCKET NUMBER: 0180.0038  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (310) 319-5411  
; TELEFAX: (310) 319-5401  
; INFORMATION FOR SEQ ID NO: 40:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 7 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: polypeptide  
; SEQUENCE DESCRIPTION: SEQ ID NO: 40  
US-10-307-276B-40  
Query Match 100.0%; Score 31; DB 16; Length 7;  
Best Local Similarity 100.0%; Pred. No. 1.6e+06;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 ATSSLDS 7  
Db 1 ATSSLDS 7  
RESULT 3  
US-11-061-956-40  
; Sequence 40, Application US/11061956  
; Publication No. US20050142141A1  
; GENERAL INFORMATION:  
; APPLICANT: William M. Pardridge  
; TITLE OF INVENTION: Delivery Of Enzymes To The Brain  
; NUMBER OF SEQUENCES: 50  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: Shapito & Dupont LLP  
; STREET: 233 Wlshire Boulevard, Suite 700  
; CITY: Santa Monica  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 90067  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy Disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: Windows 2000  
; SOFTWARE: MS Word

; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/11/061,956  
; FILING DATE: 17-Feb-2005  
; CLASSIFICATION: <Unknown>  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Oldenkamp, David J.  
; REGISTRATION NUMBER: 29,421  
; REFERENCE/DOCKET NUMBER: 0180.0086  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (310) 319-5411  
; TELEFAX: (310) 319-5401  
; INFORMATION FOR SEQ ID NO: 40:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 7 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: polypeptide  
; SEQUENCE DESCRIPTION: SEQ ID NO: 40  
US-11-061-956-40  
Query Match 100.0%; Score 31; DB 20; Length 7;  
Best Local Similarity 100.0%; Pred. No. 1.6e+06;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 ATSSLDS 7  
Db 1 ATSSLDS 7  
RESULT 4  
US-09-864-408A-5474  
; Sequence 5474, Application US/09864408A  
; Publication No. US20040009474A1  
; GENERAL INFORMATION:  
; APPLICANT: Leach, Martin D.  
; APPLICANT: Shimkets, Richard A.  
; TITLE OF INVENTION: No. US20040009474A1e1 Human Polynucleotides and Polypeptides Enc  
; FILE REFERENCE: 21402-012  
; CURRENT APPLICATION NUMBER: US/09/864,408A  
; CURRENT FILING DATE: 2001-05-24  
; PRIOR APPLICATION NUMBER: 60/206,690  
; PRIOR FILING DATE: 2000-05-24  
; NUMBER OF SEQ ID NOS: 3068  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 5474  
; LENGTH: 97  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-864-408A-5474  
Query Match 100.0%; Score 31; DB 11; Length 97;  
Best Local Similarity 100.0%; Pred. No. 38;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 ATSSLDS 7  
Db 52 ATSSLDS 58  
RESULT 5  
US-09-924-099-1  
; Sequence 1, Application US/09924099  
; Patent No. US20020128450A1  
; GENERAL INFORMATION:  
; APPLICANT: NISHIDA, Yoshihiro  
; APPLICANT: OKURA, Takao  
; APPLICANT: OKURA, Takao  
; APPLICANT: TANIMOTO, Tadao  
; APPLICANT: KURIMOTO, Masashi  
; TITLE OF INVENTION: PEPTIDE  
; FILE REFERENCE:  
; CURRENT APPLICATION NUMBER: US/09/924,099  
; CURRENT FILING DATE: 2001-08-08

```

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/338,511
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: JP 289,044/98
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-12
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: JP 365,023/98
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 33
; SEQ ID NO: 1
; LENGTH: 108
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-924-099-1

Query Match      100.0%; Score 31; DB 9; Length 108;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 ATSSLDS 7
        |||||
        50 ATSSLDS 56

RESULT 6
US-10-010-729-45
; Sequence 45, Application US/10010729
; Publication No. US20030185827A1
; GENERAL INFORMATION:
; APPLICANT: Rodriguez, Moses
; APPLICANT: Miller, David J.
; APPLICANT: Pease, Larry R.
; TITLE OF INVENTION: Human IGM Antibodies and Diagnostic and
; TITLE OF INVENTION: Therapeutic Uses Thereof Particularly in the Central Nervous
; TITLE OF INVENTION: System
; FILE REFERENCE: 1199-1-005CIP2
; CURRENT APPLICATION NUMBER: US/10/010,729
; CURRENT FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: 09/730,473
; PRIOR FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 09/580,787
; PRIOR FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 09/322,862
; PRIOR FILING DATE: 1999-05-28
; PRIOR APPLICATION NUMBER: 08/779,784
; PRIOR FILING DATE: 1997-01-07
; PRIOR APPLICATION NUMBER: 08/692,084
; PRIOR FILING DATE: 1996-08-08
; PRIOR APPLICATION NUMBER: 08/236,520
; PRIOR FILING DATE: 1994-04-29
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: FastsEQ for Windows Version 4.0
; SEQ ID NO: 45
; LENGTH: 108
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-010-729-45

Query Match      100.0%; Score 31; DB 14; Length 108;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 ATSSLDS 7
        |||||
        50 ATSSLDS 56

RESULT 7
US-10-307-276B-4
; Sequence 4, Application US/10307276B
; Publication No. US20040101904A1
; GENERAL INFORMATION:
; APPLICANT: William M. Pardridge
; APPLICANT: Ruben J. Boado
; TITLE OF INVENTION: Delivery Of Pharmaceutical Agents
```

```

; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Shapiro & Dupont LLP
; STREET: 233 Wilshire Boulevard, Suite 700
; CITY: Santa Monica
; STATE: CA
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows 2000
; SOFTWARE: MS Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/307,276B
; FILING DATE: 27-Nov-2002
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Oldenkamp, David J.
; REGISTRATION NUMBER: 29,421
; REFERENCE/DOCKET NUMBER: 0180,0038
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (310) 319-5411
; TELEFAX: (310) 319-5401
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 108 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 4
US-10-307-276B-4

Query Match      100.0%; Score 31; DB 16; Length 108;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 ATSSLDS 7
        |||||
        50 ATSSLDS 56

RESULT 8
US-10-307-276B-6
; Sequence 6, Application US/10307276B
; Publication No. US20040101904A1
; GENERAL INFORMATION:
; APPLICANT: William M. Pardridge
; APPLICANT: Ruben J. Boado
; TITLE OF INVENTION: Delivery Of Pharmaceutical Agents
; TITLE OF INVENTION: Via The Human Insulin Receptor
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Shapiro & Dupont LLP
; STREET: 233 Wilshire Boulevard, Suite 700
; CITY: Santa Monica
; STATE: CA
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows 2000
; SOFTWARE: MS Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/307,276B
; FILING DATE: 27-Nov-2002
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Oldenkamp, David J.
; REGISTRATION NUMBER: 29,421
```

```
REFERENCE/DOCKET NUMBER: 0180.0038
TELECOMMUNICATION INFORMATION:
TELEPHONE: (310) 319-5411
TELEFAX: (310) 319-5401
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 108 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 6
US-10-307-276B-6

Query Match      100.0%; Score 31; DB 16; Length 108;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 ATSSLDS 7
        |||||
Db      50 ATSSLDS 56

RESULT 9
US-10-803-622-267
; Sequence 267, Application US/10803622
; Publication No. US2004015721A1
; GENERAL INFORMATION:
; APPLICANT: Cambridge Antibody Technology
; APPLICANT: Cambridge Antibody Technology Limited
; APPLICANT: Medical Research Council
; APPLICANT: McCafferty, John
; APPLICANT: Pope, Anthony
; APPLICANT: Johnson, Kevin
; APPLICANT: Hoozenboom, Hendricus
; APPLICANT: Grifflths, Andrew
; APPLICANT: Jackson, Ronald
; APPLICANT: Holliger, Kasper
; APPLICANT: Marks, James
; APPLICANT: Clackson, Timothy
; APPLICANT: Chiswell, David
; APPLICANT: Winter, Gregory
; APPLICANT: Bonert, Timothy
; TITLE OF INVENTION: Methods for Producing Members of Specific Binding Pairs
; FILE REFERENCE: 13839-00013
; CURRENT APPLICATION NUMBER: US/10/803,622
; CURRENT FILING DATE: 2004-03-18
; PRIOR APPLICATION NUMBER: GB 9015198.6
; PRIOR FILING DATE: 1990-07-10
; PRIOR APPLICATION NUMBER: GB 9022845.3
; PRIOR FILING DATE: 1990-10-19
; PRIOR APPLICATION NUMBER: GB 9022845.3
; PRIOR FILING DATE: 1990-10-19
; PRIOR APPLICATION NUMBER: GB 9024503.6
; PRIOR FILING DATE: 1990-11-12
; PRIOR APPLICATION NUMBER: GB 9104744.9
; PRIOR FILING DATE: 1991-03-06
; PRIOR APPLICATION NUMBER: GB 9110549.4
; PRIOR FILING DATE: 1991-05-15
; PRIOR APPLICATION NUMBER: PCT/GB91/01134
; PRIOR FILING DATE: 1991-07-10
; PRIOR APPLICATION NUMBER: US 07/971,857
; PRIOR FILING DATE: 1993-01-08
; PRIOR APPLICATION NUMBER: US 08/484,893
; PRIOR FILING DATE: 1995-06-07
; NUMBER OF SEQ ID NOS: 272
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 267
; LENGTH: 108
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: light chain from clone M1F
```

```
US-10-803-622-267

Query Match      100.0%; Score 31; DB 16; Length 108;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 ATSSLDS 7
        |||||
Db      50 ATSSLDS 56

RESULT 10
US-10-803-653-267
; Sequence 267, Application US/10803653
; Publication No. US2004015721A1
; GENERAL INFORMATION:
; APPLICANT: Cambridge Antibody Technology
; APPLICANT: Cambridge Antibody Technology Limited
; APPLICANT: Medical Research Council
; APPLICANT: McCafferty, John
; APPLICANT: Pope, Anthony
; APPLICANT: Johnson, Kevin
; APPLICANT: Hoozenboom, Hendricus
; APPLICANT: Grifflths, Andrew
; APPLICANT: Jackson, Ronald
; APPLICANT: Holliger, Kasper
; APPLICANT: Marks, James
; APPLICANT: Clackson, Timothy
; APPLICANT: Chiswell, David
; APPLICANT: Winter, Gregory
; APPLICANT: Bonert, Timothy
; TITLE OF INVENTION: Methods for Producing Members of Specific Binding Pairs
; FILE REFERENCE: 13839-00013
; CURRENT APPLICATION NUMBER: US/10/803,653
; CURRENT FILING DATE: 2004-03-18
; PRIOR APPLICATION NUMBER: GB 9015198.6
; PRIOR FILING DATE: 1990-07-10
; PRIOR APPLICATION NUMBER: GB 9022845.3
; PRIOR FILING DATE: 1990-10-19
; PRIOR APPLICATION NUMBER: GB 9022845.3
; PRIOR FILING DATE: 1990-10-19
; PRIOR APPLICATION NUMBER: GB 9024503.6
; PRIOR FILING DATE: 1990-11-12
; PRIOR APPLICATION NUMBER: GB 9104744.9
; PRIOR FILING DATE: 1991-03-06
; PRIOR APPLICATION NUMBER: GB 9110549.4
; PRIOR FILING DATE: 1991-05-15
; PRIOR APPLICATION NUMBER: PCT/GB91/01134
; PRIOR FILING DATE: 1991-07-10
; PRIOR APPLICATION NUMBER: US 07/971,857
; PRIOR FILING DATE: 1993-01-08
; PRIOR APPLICATION NUMBER: US 08/484,893
; PRIOR FILING DATE: 1995-06-07
; NUMBER OF SEQ ID NOS: 272
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 267
; LENGTH: 108
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: light chain from clone M1F
US-10-803-653-267

Query Match      100.0%; Score 31; DB 16; Length 108;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 ATSSLDS 7
        |||||
Db      50 ATSSLDS 56

RESULT 11
```

US-11-061-956-4  
; Sequence 4, Application US/11061956  
; Publication No. US20050142141A1  
; GENERAL INFORMATION:  
; APPLICANT: William M. Partridge  
; TITLE OF INVENTION: Delivery Of Enzymes To The Brain  
; NUMBER OF SEQUENCES: 50  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Shapito & Dupont LLP  
; STREET: 233 Wilshire Boulevard, Suite 700  
; CITY: Santa Monica  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 90067  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy Disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: Windows 2000  
; SOFTWARE: MS Word  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/11/061,956  
; FILING DATE: 17-Feb-2005  
; CLASSIFICATION: <Unknown>  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Oldenkamp, David J.  
; REGISTRATION NUMBER: 29,421  
; REFERENCE/DOCKET NUMBER: 0180.0086  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (310) 319-5411  
; TELEFAX: (310) 319-5401  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 108 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; SEQUENCE DESCRIPTION: SEQ ID NO: 4  
US-11-061-956-4  
Query Match 100.0%; Score 31; DB 20; Length 108;  
Best Local Similarity 100.0%; Pred. No. 42;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 ATSSLDS 7  
Db 50 ATSSLDS 56  
RESULT 12  
US-11-061-956-6  
; Sequence 6, Application US/11061956  
; Publication No. US20050142141A1  
; GENERAL INFORMATION:  
; APPLICANT: William M. Partridge  
; TITLE OF INVENTION: Delivery Of Enzymes To The Brain  
; NUMBER OF SEQUENCES: 50  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Shapito & Dupont LLP  
; STREET: 233 Wilshire Boulevard, Suite 700  
; CITY: Santa Monica  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 90067  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy Disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: Windows 2000  
; SOFTWARE: MS Word  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/11/061,956  
; FILING DATE: 17-Feb-2005  
; CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:  
; NAME: Oldenkamp, David J.  
; REGISTRATION NUMBER: 29,421  
; REFERENCE/DOCKET NUMBER: 0180.0086  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (310) 319-5411  
; TELEFAX: (310) 319-5401  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 108 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; SEQUENCE DESCRIPTION: SEQ ID NO: 6  
US-11-061-956-6  
Query Match 100.0%; Score 31; DB 20; Length 108;  
Best Local Similarity 100.0%; Pred. No. 42;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 ATSSLDS 7  
Db 50 ATSSLDS 56  
RESULT 13  
US-09-943-906-74  
; Sequence 74, Application US/09943906  
; Patent No. US20020150571A1  
; GENERAL INFORMATION:  
; APPLICANT: Prusiner, Stanley B.  
; Williamson, R. Anthony  
; Burton, Dennis R.  
; TITLE OF INVENTION: ANTIBODIES SPECIFIC FOR NATIVE PrP  
; NUMBER OF SEQUENCES: 86  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson P.C.  
; STREET: 2200 Sand Hill Road  
; CITY: Menlo Park  
; STATE: CA  
; COUNTRY: U.S.A.  
; ZIP: 94025  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/943,906  
; FILING DATE: 30-Aug-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/550,374  
; FILING DATE: <Unknown>  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Bozicevic, Karl  
; REGISTRATION NUMBER: 28,807  
; REFERENCE/DOCKET NUMBER: 06510/059001  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 415-854-5277  
; TELEFAX: 415-854-0875  
; TELEX: <Unknown>  
; INFORMATION FOR SEQ ID NO: 74:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 109 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide  
; SEQUENCE DESCRIPTION: SEQ ID NO: 74:  
US-09-943-906-74

Query Match 100.0%; Score 31; DB 9; Length 109;  
Best Local Similarity 100.0%; Pred. No. 43;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSLDS 7  
|||||  
Db 50 ATSSLDS 56

RESULT 14  
US-10-435-602-74  
; Sequence 74, Application US/10435602  
; Publication No. US20030228303A1  
; GENERAL INFORMATION:  
; APPLICANT: Prusiner, Stanley B.  
; APPLICANT: Williamson, R. Anthony  
; APPLICANT: Burton, Dennis R.  
; TITLE OF INVENTION: Antibodies Specific for Native PrPsc  
; FILE REFERENCE: UCAI059CON3  
; CURRENT APPLICATION NUMBER: US/10/435,602  
; CURRENT FILING DATE: 2003-05-09  
; PRIOR APPLICATION NUMBER: 09/943,906  
; PRIOR FILING DATE: 2001-08-30  
; PRIOR APPLICATION NUMBER: 09/550,374  
; PRIOR FILING DATE: 2000-04-13  
; PRIOR APPLICATION NUMBER: 09/036,579  
; PRIOR FILING DATE: 1998-03-06  
; PRIOR APPLICATION NUMBER: 08/713,939  
; PRIOR FILING DATE: 1996-09-13  
; PRIOR APPLICATION NUMBER: 08/528,104  
; PRIOR FILING DATE: 1995-09-14  
; NUMBER OF SEQ ID NOS: 86  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 74  
; LENGTH: 109  
; TYPE: PRT  
; ORGANISM: mouse  
US-10-435-602-74

Query Match 100.0%; Score 31; DB 15; Length 109;  
Best Local Similarity 100.0%; Pred. No. 43;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSLDS 7  
|||||  
Db 50 ATSSLDS 56

RESULT 15  
US-11-027-139-74  
; Sequence 74, Application US/11027139  
; Publication No. US20050158803A1  
; GENERAL INFORMATION:  
; APPLICANT: Prusiner, Stanley B.  
; APPLICANT: Williamson, R. Anthony  
; APPLICANT: Burton, Dennis R.  
; TITLE OF INVENTION: Antibodies Specific for Native PrPsc  
; FILE REFERENCE: UCAI059CON3  
; CURRENT APPLICATION NUMBER: US/11/027,139  
; CURRENT FILING DATE: 2004-12-29  
; PRIOR APPLICATION NUMBER: US/10/435,602  
; PRIOR FILING DATE: 2003-05-09  
; PRIOR APPLICATION NUMBER: 09/943,906  
; PRIOR FILING DATE: 2001-08-30  
; PRIOR APPLICATION NUMBER: 09/550,374  
; PRIOR FILING DATE: 2000-04-13  
; PRIOR APPLICATION NUMBER: 09/036,579  
; PRIOR FILING DATE: 1998-03-06  
; PRIOR APPLICATION NUMBER: 08/713,939  
; PRIOR FILING DATE: 1996-09-13  
; PRIOR APPLICATION NUMBER: 08/528,104  
; PRIOR FILING DATE: 1995-09-14  
; NUMBER OF SEQ ID NOS: 86

; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 74  
; LENGTH: 109  
; TYPE: PRT  
; ORGANISM: mouse  
US-11-027-139-74

Query Match 100.0%; Score 31; DB 20; Length 109;  
Best Local Similarity 100.0%; Pred. No. 43;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSLDS 7  
|||||  
Db 50 ATSSLDS 56

Search completed: August 22, 2005, 15:38:27  
Job time : 48.6875 secs



GenCore version 5.1.6  
Copyright (c) 1993 - 2005 Compugen Ltd.

OM protein - protein search, using sw model

Run on: August 22, 2005, 15:00:04 ; Search time 14 Seconds  
(without alignments)  
37.325 Million cell updates/sec

Title: US-09-887-853-6\_COPY\_183\_189  
Perfect score: 31  
Sequence: 1 ATSSLDS 7

Scoring table: BLOSUM62  
Gapop 10.0, Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database :

Issued Patents AA: \*  
1: /cgn2\_6/ptodata/1/iaa/5A COMB.pdp: \*  
2: /cgn2\_6/ptodata/1/iaa/5B COMB.pdp: \*  
3: /cgn2\_6/ptodata/1/iaa/6A COMB.pdp: \*  
4: /cgn2\_6/ptodata/1/iaa/6B COMB.pdp: \*  
5: /cgn2\_6/ptodata/1/iaa/PCITUS COMB.pdp: \*  
6: /cgn2\_6/ptodata/1/iaa/backfile1.pdp: \*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	31	100.0	92	2	US-08-273-146-45
2	31	100.0	92	2	US-08-273-146-53
3	31	100.0	107	3	US-08-483-749A-26
4	31	100.0	108	4	US-09-726-219A-267
5	31	100.0	109	1	US-08-466-886-27
6	31	100.0	109	2	US-08-713-939A-74
7	31	100.0	109	3	US-08-469-617-27
8	31	100.0	109	3	US-09-036-579-74
9	31	100.0	109	3	US-09-550-374-74
10	31	100.0	109	4	US-09-943-806-74
11	31	100.0	109	4	US-08-469-630-27
12	31	100.0	112	4	US-09-627-218B-1
13	31	100.0	243	1	US-08-133-804-6
14	31	100.0	243	1	US-08-461-838-6
15	31	100.0	243	2	US-08-461-186-6
16	31	100.0	243	2	US-08-356-786-4
17	31	100.0	334	2	US-08-356-786-10
18	31	100.0	694	2	US-08-895-522-3
19	31	100.0	694	3	US-09-195-391-1
20	31	100.0	747	2	US-08-895-522-1
21	31	100.0	747	3	US-09-195-391-1
22	28	90.3	109	1	US-08-466-886-26
23	28	90.3	109	3	US-08-469-617-26
24	28	90.3	109	4	US-08-469-630-26
25	28	90.3	111	4	US-09-248-796A-20768
26	28	90.3	313	4	US-09-134-000C-5794
27	28	90.3	439	4	US-09-902-540-11372

#### ALIGNMENTS

28	28	90.3	614	4	US-09-540-236-2858	Sequence 2858, Ap
29	28	90.3	617	4	US-09-328-352-6700	Sequence 6700, Ap
30	28	90.3	624	4	US-09-252-991A-21625	Sequence 21625, A
31	28	90.3	744	4	US-09-248-796A-20773	Sequence 20773, A
32	28	90.3	1307	1	US-08-395-246C-2	Sequence 2, Appl1
33	28	90.3	1334	2	US-08-996-545-2	Sequence 2, Appl1
34	28	90.3	1334	3	US-09-328-320-2	Sequence 2, Appl1
35	28	90.3	1334	4	US-09-758-828-2	Sequence 2, Appl1
36	28	90.3	1349	2	US-08-612-734B-2	Sequence 2, Appl1
37	28	90.3	1402	4	US-09-711-619-9	Sequence 9, Appl1
38	28	90.3	1408	1	US-08-612-521-2	Sequence 9, Appl1
39	27	87.1	105	3	US-08-881-189B-13	Sequence 13, Appl1
40	27	87.1	107	2	US-08-888-366-14	Sequence 14, Appl1
41	27	87.1	107	2	US-08-888-366-20	Sequence 20, Appl1
42	27	87.1	107	2	US-08-888-366-26	Sequence 26, Appl1
43	27	87.1	108	4	US-09-270-767-35025	Sequence 35025, A
44	27	87.1	108	4	US-09-270-767-50242	Sequence 50242, A
45	27	87.1	243	4	US-09-134-000C-5004	Sequence 5004, Ap

RESULT 1  
US-08-273-146-45  
Sequence 45, Application US/08273146  
Patent No. 583585  
GENERAL INFORMATION:  
APPLICANT: Smith, Rodger  
APPLICANT: McCafferty, John  
APPLICANT: Chiswell, David  
APPLICANT: Darsley, Michael J.  
APPLICANT: Fitzgerald, Kevin  
APPLICANT: Kanten, John H.  
APPLICANT: Martin, John T.  
APPLICANT: Titmas, Richard C.  
APPLICANT: Williams, Richard O.  
TITLE OF INVENTION: The Isolation and Production of  
TITLE OF INVENTION: Catalytic Antibodies using Phage Technology  
NUMBER OF SEQUENCES: 71  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: IGEN, Inc.  
STREET: 1530 East Jefferson St.  
CITY: Rockville  
STATE: MD  
COUNTRY: USA  
ZIP: 20852  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/273,146  
FILING DATE: 14-JUL-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Ryan, John W.  
REGISTRATION NUMBER: 33,771  
REFERENCE/DOCKET NUMBER: 09000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 301-984-8000  
TELEFAX: 301-230-0158  
INFORMATION FOR SEQ ID NO: 45:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 92 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-273-146-45  
Query Match 100.0%; Score 31; DB 2; Length 92;  
Best Local Similarity 100.0%; Pred. No. 6.9;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSLDS 7  
Db 42 ATSSLDS 48

## RESULT 2

US-08-273-146-53  
; Sequence 53, Application US/08273146  
; Patent No. 5855885  
; GENERAL INFORMATION:  
; APPLICANT: Smith, Rodger  
; APPLICANT: McCafferty, John  
; APPLICANT: Chiswell, David  
; APPLICANT: Darsley, Michael J.  
; APPLICANT: Fitzgerald, Kevin  
; APPLICANT: Kenten, John H.  
; APPLICANT: Titeas, Mark T.  
; APPLICANT: Williams, Richard C.  
; APPLICANT: Williams, Richard O.  
; TITLE OF INVENTION: The Isolation and Production of  
; TITLE OF INVENTION: Catalytic Antibodies using Phage Technology  
; NUMBER OF SEQUENCES: 71  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: IGEN, Inc.  
; STREET: 1530 East Jefferson St.  
; CITY: Rockville  
; STATE: MD  
; COUNTRY: USA  
; ZIP: 20852  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: IBM PC compatible  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/273,146  
; FILING DATE: 14-JUL-1994  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Ryan, John W.  
; REGISTRATION NUMBER: 33,771  
; REFERENCE/DOCKET NUMBER: 09000  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 301-984-8000  
; TELEFAX: 301-230-0158  
; INFORMATION FOR SEQ ID NO: 53:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 92 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-08-273-146-53

Query Match 100.0%; Score 31; DB 2; Length 92;  
Best Local Similarity 100.0%; Pred. No. 6.9; Indels 0; Gaps 0;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSLDS 7  
Db 42 ATSSLDS 48

RESULT 3  
US-08-483-749A-26  
; Sequence 26, Application US/08483749A  
; Patent No. 6054561  
; GENERAL INFORMATION:  
; APPLICANT: RING, DAVID B.  
; TITLE OF INVENTION: ANTIGEN-BINDING SITES OF ANTIBODY  
; TITLE OF INVENTION: MOLECULES SPECIFIC FOR CANCER ANTIGENS  
; NUMBER OF SEQUENCES: 33

; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: CHIRON CORPORATION  
; STREET: INTELLECTUAL PROPERTY - R440, PO BOX 8097  
; CITY: EMERYVILLE  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94662-8097

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: IBM PC compatible  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/483,749A  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 536  
; ATTORNEY/AGENT INFORMATION:  
; NAME: SAVERIDE, PAUL B.  
; REGISTRATION NUMBER: 36,914  
; REFERENCE/DOCKET NUMBER: 0508.008  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (510) 601-2585  
; TELEFAX: (510) 655-3542  
; INFORMATION FOR SEQ ID NO: 26:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 107 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-08-483-749A-26

Query Match 100.0%; Score 31; DB 3; Length 107;  
Best Local Similarity 100.0%; Pred. No. 8.2; Indels 0; Gaps 0;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSLDS 7  
Db 50 ATSSLDS 56

RESULT 4  
US-09-726-219A-267  
; Sequence 267, Application US/09726219A  
; Patent No. 6806079  
; GENERAL INFORMATION:  
; APPLICANT: Cambridge Antibody Technology  
; APPLICANT: Cambridge Antibody Technology Limited  
; APPLICANT: Medical Research Council  
; APPLICANT: McCafferty, John  
; APPLICANT: Pope, Anthony  
; APPLICANT: Johnson, Kevin  
; APPLICANT: Hoogenboom, Hendricus  
; APPLICANT: Grifflins, Andrew  
; APPLICANT: Jackson, Ronald  
; APPLICANT: Holliger, Kasper  
; APPLICANT: Marks, James  
; APPLICANT: Jackson, Timothy  
; APPLICANT: Chiswell, David  
; APPLICANT: Winter, Gregory  
; APPLICANT: Bonert, Timothy  
; TITLE OF INVENTION: Methods for Producing Members of Specific Binding Pairs  
; FILE REFERENCE: 213839-00013  
; CURRENT APPLICATION NUMBER: US/09/726,219A  
; CURRENT FILING DATE: 2000-11-28  
; PRIOR APPLICATION NUMBER: GB 9015198.6  
; PRIOR FILING DATE: 1990-07-10  
; PRIOR APPLICATION NUMBER: GB 9022845.3  
; PRIOR FILING DATE: 1990-10-19  
; PRIOR APPLICATION NUMBER: GB 9022845.3  
; PRIOR FILING DATE: 1990-10-19  
; PRIOR APPLICATION NUMBER: GB 9024503.6  
; PRIOR FILING DATE: 1990-11-12  
; PRIOR APPLICATION NUMBER: GB 9104744.9

PRIOR FILING DATE: 1991-03-06  
PRIOR APPLICATION NUMBER: GB 9110549.4  
PRIOR FILING DATE: 1991-05-15  
PRIOR APPLICATION NUMBER: PCT/GB91/01134  
PRIOR FILING DATE: 1991-07-10  
PRIOR APPLICATION NUMBER: US 07/971,857  
PRIOR FILING DATE: 1993-01-08  
PRIOR APPLICATION NUMBER: US 08/484,893  
PRIOR FILING DATE: 1995-06-07  
NUMBER OF SEQ ID NOS: 272  
SOFTWARE: Patent version 3.1  
SEQ ID NO 267  
LENGTH: 108  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: light chain from clone M1F  
US-09-726-219A-267

Query Match 100.0%; Score 31; DB 4; Length 108;  
Best Local Similarity 100.0%; Pred. No. 8.3;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSLDS 7  
Db 50 ATSSLDS 56

RESULT 5  
US-08-466-886-27  
Sequence 27, Application US/0846686  
Patent No. 576677  
GENERAL INFORMATION:  
APPLICANT: Tsui, Lap-Chee  
APPLICANT: Riordan, John R.  
APPLICANT: Rommens, Johanna M.  
APPLICANT: Kerem, Bat-Sheva  
APPLICANT: Collins, Francis S.  
APPLICANT: Iannuzzi, Michael C.  
APPLICANT: Drumm, Mitchell L.  
APPLICANT: Buckwald, Manuel  
TITLE OF INVENTION: Cystic Fibrosis Gene  
NUMBER OF SEQUENCES: 43  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: STERN, KESSLER, GOLDSTEIN & FOX  
STREET: 1100 New York Avenue, N.W.  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/466,886  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Goldstein, Jorge A.  
REGISTRATION NUMBER: 29,021  
REFERENCE/DOCKET NUMBER: 1329.001006  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-2600  
TELEFAX: 202-371-2540  
INFORMATION FOR SEQ ID NO: 27:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 109 amino acids  
TYPE: amino acid  
STRANDEDNESS: not relevant  
TOPOLOGY: not relevant  
MOLECULE TYPE: peptide

US-08-466-886-27

Query Match 100.0%; Score 31; DB 1; Length 109;  
Best Local Similarity 100.0%; Pred. No. 8.4;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSLDS 7  
Db 99 ATSSLDS 105

RESULT 6  
US-08-713-939A-74  
Sequence 74, Application US/08713939A  
Patent No. 584533  
GENERAL INFORMATION:  
APPLICANT: Prusiner, Stanley B.  
APPLICANT: Williamson, R. Anthony  
APPLICANT: Burton, Dennis R.  
TITLE OF INVENTION: ANTIBODIES SPECIFIC FOR NATIVE PrP  
NUMBER OF SEQUENCES: 86  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson P.C.  
STREET: 2200 Sand Hill Road  
CITY: Menlo Park  
STATE: CA  
COUNTRY: U.S.A.  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/713,939A  
FILING DATE: 13-SEP-1996  
CLASSIFICATION: 436  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Bozicevic, Karl  
REGISTRATION NUMBER: 28,807  
REFERENCE/DOCKET NUMBER: 06510/059001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-854-5277  
TELEFAX: 415-854-0875  
TELEX:  
INFORMATION FOR SEQ ID NO: 74:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 109 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-713-939A-74  
Query Match 100.0%; Score 31; DB 2; Length 109;  
Best Local Similarity 100.0%; Pred. No. 8.4;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSLDS 7  
Db 50 ATSSLDS 56

RESULT 7  
US-08-469-617-27  
Sequence 27, Application US/08469617  
Patent No. 6201107  
GENERAL INFORMATION:  
APPLICANT: Tsui, Lap-Chee  
APPLICANT: Riordan, John R.

APPLICANT: Rommens, Johanna M.  
APPLICANT: Kerem, Bat-Sheva  
APPLICANT: Collins, Francis S.  
APPLICANT: Iannuzzi, Michael C.  
APPLICANT: Drumm, Mitchell L.  
APPLICANT: Buckwald, Manuel  
TITLE OF INVENTION: Cystic Fibrosis Gene  
NUMBER OF SEQUENCES: 43  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: STERN, KESSLER, GOLDSTEIN & FOX P.L.L.C.  
STREET: 1100 New York Avenue, N.W.  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/469,617  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 800  
ATTORNEY/AGENT INFORMATION:  
NAME: Goldstein, Jorge A.  
REGISTRATION NUMBER: 29,021  
REFERENCE/DOCKET NUMBER: 1329,0010008  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-2600  
TELEFAX: 202-371-2540  
INFORMATION FOR SEQ ID NO: 27:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 109 amino acids  
TYPE: amino acid  
STRANDEDNESS: not relevant  
TOPOLOGY: not relevant  
MOLECULE TYPE: peptide  
US-08-469-617-27

Query Match 100.0%; Score 31; DB 3; Length 109;  
Best Local Similarity 100.0%; Pred. No. 8.4;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSLDS 7  
Db 99 ATSSLDS 105

RESULT 8  
US-09-036-579-74  
Sequence 74, Application US/09036579  
Patent No. 6290954  
GENERAL INFORMATION:  
APPLICANT: Prusiner, Stanley B.  
APPLICANT: Williamson, R. Anthony  
APPLICANT: Burton, Dennis R.  
TITLE OF INVENTION: ANTIBODIES SPECIFIC FOR NATIVE PrP  
NUMBER OF SEQUENCES: 86  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson P.C.  
STREET: 2200 Sand Hill Road  
CITY: Menlo Park  
STATE: CA  
COUNTRY: U.S.A.  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/036,579

FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/713,939  
FILING DATE: 13-SEP-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Bozicevic, Karl  
REGISTRATION NUMBER: 28,807  
REFERENCE/DOCKET NUMBER: 06510/059001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-854-5277  
TELEFAX: 415-854-0875  
TELEX:  
INFORMATION FOR SEQ ID NO: 74:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 109 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-09-036-579-74

Query Match 100.0%; Score 31; DB 3; Length 109;  
Best Local Similarity 100.0%; Pred. No. 8.4;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSLDS 7  
Db 50 ATSSLDS 56

RESULT 9  
US-09-550-374-74  
Sequence 74, Application US/09550374  
Patent No. 6372214  
GENERAL INFORMATION:  
APPLICANT: Prusiner, Stanley B.  
APPLICANT: Williamson, R. Anthony  
APPLICANT: Burton, Dennis R.  
TITLE OF INVENTION: ANTIBODIES SPECIFIC FOR NATIVE PrP  
NUMBER OF SEQUENCES: 86  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson P.C.  
STREET: 2200 Sand Hill Road  
CITY: Menlo Park  
STATE: CA  
COUNTRY: U.S.A.  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/550,374  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/036,579  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Bozicevic, Karl  
REGISTRATION NUMBER: 28,807  
REFERENCE/DOCKET NUMBER: 06510/059001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-854-5277  
TELEFAX: 415-854-0875  
TELEX:  
INFORMATION FOR SEQ ID NO: 74:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 109 amino acids  
TYPE: amino acid  
STRANDEDNESS: single

TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-09-550-374-74

Query Match 100.0%; Score 31; DB 3; Length 109;  
Best Local Similarity 100.0%; Pred. No. 8.4;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSIDS 7  
|||||  
Db 50 ATSSIDS 56

RESULT 10  
US-09-943-906-74  
Sequence 74, Application US/09943906  
Patent No. 6562341  
GENERAL INFORMATION:

APPLICANT: Prusiner, Stanley B.  
Williamson, R. Anthony  
Burton, Dennis R.  
TITLE OF INVENTION: ANTIBODIES SPECIFIC FOR NATIVE PrP  
NUMBER OF SEQUENCES: 86  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson P.C.  
STREET: 2200 Sand Hill Road  
CITY: Menlo Park  
STATE: CA  
COUNTRY: U.S.A.  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/943,906  
FILING DATE: 30-Aug-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/550,374  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Bozicevic, Karl  
REGISTRATION NUMBER: 28,807  
REFERENCE/DOCKET NUMBER: 06510/059001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-854-5277  
TELEFAX: 415-854-0875  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 74:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 109 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
SEQUENCE DESCRIPTION: SEQ ID NO: 74:  
US-09-943-906-74

Query Match 100.0%; Score 31; DB 4; Length 109;  
Best Local Similarity 100.0%; Pred. No. 8.4;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSIDS 7  
|||||  
Db 50 ATSSIDS 56

RESULT 11  
US-08-469-630-27  
Sequence 27, Application US/08469630  
Patent No. 6730777

## GENERAL INFORMATION:

APPLICANT: Tsui, Lap-Chee  
APPLICANT: Riordan, John R.  
APPLICANT: Rommens, Johanna M.  
APPLICANT: Kerem, Bat-Sheva  
APPLICANT: Collins, Francis S.  
APPLICANT: Iannuzzi, Michael C.  
APPLICANT: Drumm, Mitchell L.  
APPLICANT: Buckwald, Manuel  
TITLE OF INVENTION: Cystic Fibrosis Gene  
NUMBER OF SEQUENCES: 43  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.  
STREET: 1100 New York Avenue, N.W.  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/469,630  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Goldstein, Jorge A.  
REGISTRATION NUMBER: 29,021  
REFERENCE/DOCKET NUMBER: 1329,0010005  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-2600  
TELEFAX: 202-371-2540  
INFORMATION FOR SEQ ID NO: 27:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 109 amino acids  
TYPE: amino acid  
STRANDEDNESS: not relevant  
TOPOLOGY: not relevant  
MOLECULE TYPE: peptide  
US-08-469-630-27

Query Match 100.0%; Score 31; DB 4; Length 109;  
Best Local Similarity 100.0%; Pred. No. 8.4;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSIDS 7  
|||||  
Db 99 ATSSIDS 105

## RESULT 12

US-09-627-218B-1  
Sequence 1, Application US/09627218B  
Patent No. 6537548  
GENERAL INFORMATION:  
APPLICANT: Prusiner, Stanley  
APPLICANT: Safar, Jiri  
APPLICANT: Williamson, Anthony  
APPLICANT: Burton, Dennis  
TITLE OF INVENTION: Antibodies Specific for Ungulate PrP  
FILE REFERENCE: UOAL-194  
CURRENT APPLICATION NUMBER: US/09/627,218B  
CURRENT FILING DATE: 2000-07-27  
NUMBER OF SEQ ID NOS: 11  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 1  
LENGTH: 112  
TYPE: PrP  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: synthesized peptide

US-09-627-218B-1

Query Match 100.0%; Score 31; DB 4; Length 112;

Best Local Similarity 100.0%; Pred. No. 8.6; Mismatches 0; Indels 0; Gaps 0;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSLDS 7

183 ATSSLDS 56

RESULT 13

US-08-133-804-6

Sequence 6, Application US/08133804

Patent No. 5534254

GENERAL INFORMATION:

APPLICANT: Huston, James S.

APPLICANT: Oppermann, Hermann

APPLICANT: Houston, L. L.

TITLE OF INVENTION: Biosynthetic Binding Proteins For

NUMBER OF SEQUENCES: 11

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Testa, Hurwitz &amp; Thibault/Patent Department

STREET: Exchange Place, 53 State Street

CITY: Boston

STATE: Massachusetts

COUNTRY: USA

ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/133,804

FILING DATE:

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: Kelley, Robin D.

REGISTRATION NUMBER: 34,637

REFERENCE/DOCKET NUMBER: 2054/22

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-248-7477

TELEFAX: 617-248-7100

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 243 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-133-804-6

Query Match 100.0%; Score 31; DB 1; Length 243;

Best Local Similarity 100.0%; Pred. No. 21; Mismatches 0; Indels 0; Gaps 0;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSLDS 7

183 ATSSLDS 189

RESULT 14

US-08-461-838-6

Sequence 6, Application US/08461838

Patent No. 5753204

GENERAL INFORMATION:

APPLICANT: Huston, James S.

APPLICANT: Oppermann, Hermann

APPLICANT: Houston, L. L.

APPLICANT: Ring, David B.

TITLE OF INVENTION: Biosynthetic Binding Proteins For

TITLE OF INVENTION: Imaging

NUMBER OF SEQUENCES: 11

CORRESPONDENCE ADDRESS:

ADDRESSEE: Testa, Hurwitz &amp; Thibault/Patent Department

STREET: Exchange Place, 53 State Street

CITY: Boston

STATE: Massachusetts

COUNTRY: USA

ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/461,838

FILING DATE:

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: Kelley, Robin D.

REGISTRATION NUMBER: 34,637

REFERENCE/DOCKET NUMBER: 2054/22

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-248-7477

TELEFAX: 617-248-7100

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 243 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-461-838-6

Query Match 100.0%; Score 31; DB 1; Length 243;

Best Local Similarity 100.0%; Pred. No. 21; Mismatches 0; Indels 0; Gaps 0;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSLDS 7

183 ATSSLDS 189

RESULT 15

US-08-461-386-6

Sequence 6, Application US/08461386

Patent No. 5837846

GENERAL INFORMATION:

APPLICANT: Huston, James S.

APPLICANT: Oppermann, Hermann

APPLICANT: Houston, L. L.

APPLICANT: Ring, David B.

TITLE OF INVENTION: Biosynthetic Binding Proteins For

NUMBER OF SEQUENCES: 11

CORRESPONDENCE ADDRESS:

ADDRESSEE: Testa, Hurwitz &amp; Thibault/Patent Department

STREET: Exchange Place, 53 State Street

CITY: Boston

STATE: Massachusetts

COUNTRY: USA

ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/461,386

FILING DATE:

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: Kelley, Robin D.

REGISTRATION NUMBER: 34,637

REFERENCE/DOCKET NUMBER: 2054/22  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 617-248-7477  
 TELEFAX: 617-248-7100  
 INFORMATION FOR SEQ ID NO: 6:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 243 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-461-386-6

Query Match 100.0%; Score 31; DB 2; Length 243;  
 Best Local Similarity 100.0%; Pred. No. 21;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSLDS 7  
 |||||  
 Db 183 ATSSLDS 189

Search completed: August 22, 2005, 15:02:26  
 Job time : 14 secs

**This Page Blank (uspto)**



GenCore version 5.1.6  
Copyright (c) 1993 - 2005 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: August 22, 2005, 15:00:04 ; Search time 22 Seconds  
(without alignments)  
37.325 Million cell updates/sec

Title: US-09-887-853-6\_COPY\_157\_167

Perfect score: 53

Sequence: 1 RASQDIGNSLT 11

Scoring table: BLOSUM62

dapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database: Issued Patents AA:\*

1: /cgn2\_6/ptodata/1/1aa/5A COMB.pep.\*  
2: /cgn2\_6/ptodata/1/1aa/5B COMB.pep.\*  
3: /cgn2\_6/ptodata/1/1aa/6A COMB.pep.\*  
4: /cgn2\_6/ptodata/1/1aa/6B COMB.pep.\*  
5: /cgn2\_6/ptodata/1/1aa/PCTUS COMB.pep.\*  
6: /cgn2\_6/ptodata/1/1aa/backfile1.pep.\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed.  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	53	100.0	107	3	US-08-483-749A-26
2	53	100.0	243	1	US-08-133-804-6
3	53	100.0	243	1	US-08-461-838-6
4	53	100.0	243	1	US-08-461-386-6
5	53	100.0	243	2	US-08-356-786-4
6	53	100.0	534	2	US-08-356-786-10
7	45	84.9	112	4	US-09-627-218B-1
8	43	81.1	92	2	US-08-273-146-45
9	43	81.1	92	2	US-08-273-146-53
10	43	81.1	107	2	US-08-888-366-14
11	43	81.1	107	2	US-08-888-366-20
12	43	81.1	107	2	US-08-888-366-26
13	43	81.1	108	4	US-09-726-219A-267
14	43	81.1	109	3	US-08-713-939A-74
15	43	81.1	109	3	US-09-036-579-74
16	43	81.1	109	3	US-09-550-374-74
17	43	81.1	109	3	US-09-943-906-74
18	42	79.2	11	4	US-09-155-106-4
19	42	79.2	108	4	US-09-155-106-22
20	42	79.2	108	4	US-09-155-106-23
21	42	79.2	108	4	US-09-155-106-24
22	42	79.2	108	4	US-09-155-106-28
23	42	79.2	108	4	US-09-155-106-30
24	39	73.6	11	1	US-07-942-245-497
25	39	73.6	31	3	US-08-525-539A-3
26	39	73.6	95	2	US-08-713-939A-72
27	39	73.6	95	3	US-09-036-579-72

28	39	73.6	95	3	US-09-550-374-72	Sequence 72, Appl
29	39	73.6	95	4	US-09-943-906-72	Sequence 72, Appl
30	39	73.6	107	1	US-08-436-663-20	Sequence 20, Appl
31	39	73.6	107	1	US-08-107-669D-1	Sequence 1, Appl
32	39	73.6	107	1	US-08-472-788A-1	Sequence 1, Appl
33	39	73.6	107	2	US-08-477-531B-1	Sequence 1, Appl
34	39	73.6	107	2	US-08-082-842A-1	Sequence 1, Appl
35	39	73.6	108	2	US-08-378-939-26	Sequence 26, Appl
36	39	73.6	108	4	US-09-332-290-27	Sequence 27, Appl
37	39	73.6	109	1	US-07-942-245-4	Sequence 4, Appl
38	39	73.6	109	2	US-08-713-939A-73	Sequence 73, Appl
39	39	73.6	109	3	US-09-036-579-73	Sequence 73, Appl
40	39	73.6	109	3	US-09-550-374-73	Sequence 73, Appl
41	39	73.6	109	4	US-09-943-906-73	Sequence 73, Appl
42	38	71.7	11	4	US-09-192-854-170	Sequence 170, App
43	38	71.7	106	4	US-08-635-109-8	Sequence 8, Appl
44	38	71.7	106	4	US-08-944-215-11	Sequence 11, Appl
45	37	69.8	96	4	US-09-472-087-99	Sequence 99, Appl

## ALIGNMENTS

RESULT 1  
US-08-483-749A-26  
; Sequence 26, Application US/08483749A  
; Patent No. 6054561  
; GENERAL INFORMATION:  
; APPLICANT: RING, DAVID B.  
; TITLE OF INVENTION: ANTIGEN-BINDING SITES OF ANTIBODY  
; TITLE OF INVENTION: MOLECULES SPECIFIC FOR CANCER ANTIGENS  
; NUMBER OF SEQUENCES: 33  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: CHIRON CORPORATION  
; STREET: INTELLECTUAL PROPERTY - R440, PO BOX 8097  
; CITY: EMERYVILLE  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94662-8097  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/483,749A  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 536  
; ATTORNEY/AGENT INFORMATION:  
; NAME: SAVERIDE, PAUL B.  
; REGISTRATION NUMBER: 36,914  
; REFERENCE/DOCKET NUMBER: 0508.008  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (510) 601-2585  
; TELEFAX: (510) 655-3542  
; INFORMATION FOR SEQ ID NO: 26:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 107 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-483-749A-26  
Query Match 100.0%; Score 53; DB 3; Length 107;  
Best Local Similarity 100.0%; Pred. No. 0.0029;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 RASQDIGNSLT 11  
|||  
DB 24 RASQDIGNSLT 34  
RESULT 2

US-08-133-804-6  
Sequence 6, Application US/08133804  
Patent No. 5534254  
GENERAL INFORMATION:  
APPLICANT: Huston, James S.  
APPLICANT: Oppermann, Hermann  
APPLICANT: Houston, L. L.  
APPLICANT: Ring, David B.  
TITLE OF INVENTION: Biosynthetic Binding Proteins For  
NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Testa, Hurwitz & Thibault/Patent Department  
STREET: Exchange Place, 53 State Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/133,804  
FILING DATE:  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: Kelley, Robin D.  
REGISTRATION NUMBER: 34,637  
REFERENCE/DOCKET NUMBER: 2054/22  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-248-7477  
TELEFAX: 617-248-7100  
INFORMATION FOR SEQ. ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 243 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-133-804-6

Query Match 100.0%; Score 53; DB 1; Length 243;  
Best Local Similarity 100.0%; Pred. No. 0.0074;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASQDIGNSLT 11  
DB 157 RASQDIGNSLT 167

RESULT 3  
US-08-461-838-6  
Sequence 6, Application US/08461838  
Patent No. 5753204  
GENERAL INFORMATION:  
APPLICANT: Huston, James S.  
APPLICANT: Oppermann, Hermann  
APPLICANT: Houston, L. L.  
APPLICANT: Ring, David B.  
TITLE OF INVENTION: Biosynthetic Binding Proteins For  
NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Testa, Hurwitz & Thibault/Patent Department  
STREET: Exchange Place, 53 State Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/461,838  
FILING DATE:  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: Kelley, Robin D.  
REGISTRATION NUMBER: 34,637  
REFERENCE/DOCKET NUMBER: 2054/22  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-248-7477  
TELEFAX: 617-248-7100  
INFORMATION FOR SEQ. ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 243 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-461-838-6

Query Match 100.0%; Score 53; DB 1; Length 243;  
Best Local Similarity 100.0%; Pred. No. 0.0074;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASQDIGNSLT 11  
DB 157 RASQDIGNSLT 167

RESULT 4  
US-08-461-386-6  
Sequence 6, Application US/08461386  
Patent No. 5837846  
GENERAL INFORMATION:  
APPLICANT: Huston, James S.  
APPLICANT: Oppermann, Hermann  
APPLICANT: Houston, L. L.  
APPLICANT: Ring, David B.  
TITLE OF INVENTION: Biosynthetic Binding Proteins For  
NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Testa, Hurwitz & Thibault/Patent Department  
STREET: Exchange Place, 53 State Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/461,386  
FILING DATE:  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: Kelley, Robin D.  
REGISTRATION NUMBER: 34,637  
REFERENCE/DOCKET NUMBER: 2054/22  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-248-7477  
TELEFAX: 617-248-7100  
INFORMATION FOR SEQ. ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 243 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-461-386-6

Query Match 100.0%; Score 53; DB 2; Length 243;  
Best Local Similarity 100.0%; Pred. No. 0.0074;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASODIGNSLT 11  
|||||  
Db 157 RASODIGNSLT 167

## RESULT 5

US-08-356-786-4  
; Sequence 4, Application US/08356786  
; Patent No. 5877305  
; GENERAL INFORMATION:  
; APPLICANT: Huston, James S.  
; APPLICANT: Oppermann, Hermann  
; APPLICANT: Houston, L. L.  
; TITLE OF INVENTION: Biosynthetic Binding Protein for Cancer  
; TITLE OF INVENTION: Marker  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Edmund R. Pitcher, Teesta, Hurwitz, & Thibault  
; STREET: Exchange Place, 53 State Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/356,786  
; FILING DATE:  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/831,967  
; FILING DATE: 06-FEB-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Pitcher, Edmund R.  
; REGISTRATION NUMBER: 27,829  
; REFERENCE/DOCKET NUMBER: CRP-053  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617) 248-7100  
; TELEFAX: (617) 248-7100  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 243 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-356-786-4

Query Match 100.0%; Score 53; DB 2; Length 243;  
Best Local Similarity 100.0%; Pred. No. 0.0074;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASODIGNSLT 11  
|||||  
Db 157 RASODIGNSLT 167

## RESULT 6

US-08-356-786-10  
; Sequence 10, Application US/08356786  
; Patent No. 5877305  
; GENERAL INFORMATION:  
; APPLICANT: Huston, James S.  
; APPLICANT: Oppermann, Hermann  
; APPLICANT: Houston, L. L.  
; APPLICANT: Ring, David B.

TITLE OF INVENTION: Biosynthetic Binding Protein for Cancer  
TITLE OF INVENTION: Marker  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Edmund R. Pitcher, Teesta, Hurwitz, & Thibault  
STREET: Exchange Place, 53 State Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/356,786  
FILING DATE:  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/831,967  
FILING DATE: 06-FEB-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Pitcher, Edmund R.  
REGISTRATION NUMBER: 27,829  
REFERENCE/DOCKET NUMBER: CRP-053  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 248-7100  
TELEFAX: (617) 248-7100  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 534 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-356-786-10

Query Match 100.0%; Score 53; DB 2; Length 534;  
Best Local Similarity 100.0%; Pred. No. 0.018;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASODIGNSLT 11  
|||||  
Db 448 RASODIGNSLT 458

## RESULT 7

US-09-627-218B-1  
; Sequence 1, Application US/09627218B  
; Patent No. 6537548  
; GENERAL INFORMATION:  
; APPLICANT: Prusiner, Stanley  
; APPLICANT: Safar, Jiri  
; APPLICANT: Williamson, Anthony  
; APPLICANT: Burton, Dennis  
; TITLE OF INVENTION: Antibodies Specific for Ungulate PrP  
; FILE REFERENCE: UCAI-194  
; CURRENT APPLICATION NUMBER: US/09/627,218B  
; CURRENT FILING DATE: 2000-07-27  
; NUMBER OF SEQ ID NOS: 11  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 1  
; LENGTH: 112  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: synthesized peptide  
US-09-627-218B-1

Query Match 84.9%; Score 45; DB 4; Length 112;  
Best Local Similarity 90.0%; Pred. No. 0.13;  
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASQDIGNSL 10  
Db 24 RASQDIGNSL 33

## RESULT 8

US-08-273-146-45  
Sequence 45, Application US/08273146  
Patent No. 5855885  
GENERAL INFORMATION:  
APPLICANT: Smith, Roger  
APPLICANT: McCafferty, John  
APPLICANT: Chiswell, David  
APPLICANT: Darsley, Michael J.  
APPLICANT: Fitzgerald, Kevin  
APPLICANT: Kenten, John H.  
APPLICANT: Martin, Mark T.  
APPLICANT: Titmas, Richard C.  
TITLE OF INVENTION: The Isolation and Production of  
TITLE OF INVENTION: Catalytic Antibodies using Phage Technology  
NUMBER OF SEQUENCES: 71  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: IGEN, Inc.  
STREET: 1530 East Jefferson St.  
CITY: Rockville  
STATE: MD  
COUNTRY: USA  
ZIP: 20852  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/273,146  
FILING DATE: 14-JUL-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Ryan, John W.  
REGISTRATION NUMBER: 33,771  
REFERENCE/DOCKET NUMBER: 09000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 301-984-8000  
TELEFAX: 301-230-0158  
INFORMATION FOR SEQ ID NO: 45:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 92 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-273-146-45

Query Match 81.1%; Score 43; DB 2; Length 92;  
Best Local Similarity 90.0%; Pred. No. 0.26;  
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASQDIGNSL 10  
Db 16 RASQDIGNSL 25

## RESULT 9

US-08-273-146-53  
Sequence 53, Application US/08273146  
Patent No. 5855885  
GENERAL INFORMATION:  
APPLICANT: Smith, Roger  
APPLICANT: McCafferty, John  
APPLICANT: Chiswell, David  
APPLICANT: Darsley, Michael J.  
APPLICANT: Fitzgerald, Kevin  
APPLICANT: Kenten, John H.

APPLICANT: Martin, Mark T.  
APPLICANT: Titmas, Richard C.  
APPLICANT: Williams, Richard O.  
TITLE OF INVENTION: The Isolation and Production of  
TITLE OF INVENTION: Catalytic Antibodies using Phage Technology  
NUMBER OF SEQUENCES: 71  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: IGEN, Inc.  
STREET: 1530 East Jefferson St.  
CITY: Rockville  
STATE: MD  
COUNTRY: USA  
ZIP: 20852  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/273,146  
FILING DATE: 14-JUL-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Ryan, John W.  
REGISTRATION NUMBER: 33,771  
REFERENCE/DOCKET NUMBER: 09000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 301-984-8000  
TELEFAX: 301-230-0158  
INFORMATION FOR SEQ ID NO: 53:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 92 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-273-146-53

Query Match 81.1%; Score 43; DB 2; Length 92;  
Best Local Similarity 90.0%; Pred. No. 0.26;  
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASQDIGNSL 10  
Db 16 RASQDIGNSL 25

## RESULT 10

US-08-888-366-14  
Sequence 14, Application US/08888366  
Patent No. 5972656  
GENERAL INFORMATION:  
APPLICANT: Lopez, Osvaldo  
APPLICANT: Wylie, Dwane E.  
APPLICANT: Wagner, Fred W.  
TITLE OF INVENTION: Mercury Binding Polypeptides and Nucleotides Coding Therefore  
NUMBER OF SEQUENCES: 39  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Merchant & Gould  
STREET: 90 South 7th Street, 3100 No. 5972656west Ctr.  
CITY: Minneapolis  
STATE: MN  
COUNTRY: USA  
ZIP: 55402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/888,366  
FILING DATE: 03-JUL-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/187,407  
FILING DATE: 27-JAN-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/990,542  
FILING DATE: 14-DEC-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/493,299  
FILING DATE: 14-MAR-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/324,392  
FILING DATE: 14-MAR-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Carter, Charles G.  
REGISTRATION NUMBER: 35,093  
REFERENCE/DOCKET NUMBER: 8648.39USC1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 612-332-5300  
TELEFAX: 612-332-9081  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 107 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-888-366-14

Query Match 81.1%; Score 43; DB 2; Length 107;  
Best Local Similarity 90.0%; Pred. No. 0.31;  
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RASODIGNSL 10  
Db 24 RASODIGSSL 33

RESULT 11  
US-08-888-366-20  
Sequence 20, Application US/08888366  
Patent No. 5972656  
GENERAL INFORMATION:  
APPLICANT: Lopez, Oswaldo  
APPLICANT: Wylie, Dwane E.  
APPLICANT: Wagner, Fred W.  
TITLE OF INVENTION: Mercury Binding Polypeptides and Nucleotides Coding Therefore  
NUMBER OF SEQUENCES: 39  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Merchant & Gould  
STREET: 90 South 7th Street, 3100 No. 5972656west Ctr.  
CITY: Minneapolis  
STATE: MN  
COUNTRY: USA  
ZIP: 55402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: IBM PC compatible  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/888,366  
FILING DATE: 03-JUL-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/187,407  
FILING DATE: 27-JAN-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/990,542  
FILING DATE: 14-DEC-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/493,299  
FILING DATE: 14-MAR-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/324,392  
FILING DATE: 14-MAR-1989

ATTORNEY/AGENT INFORMATION:  
NAME: Carter, Charles G.  
REGISTRATION NUMBER: 35,093  
REFERENCE/DOCKET NUMBER: 8648.39USC1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 612-332-5300  
TELEFAX: 612-332-9081  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 107 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-888-366-20

Query Match 81.1%; Score 43; DB 2; Length 107;  
Best Local Similarity 90.0%; Pred. No. 0.31;  
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RASODIGNSL 10  
Db 24 RASODIGSSL 33

RESULT 12  
US-08-888-366-26  
Sequence 26, Application US/08888366  
Patent No. 5972656  
GENERAL INFORMATION:  
APPLICANT: Lopez, Oswaldo  
APPLICANT: Wylie, Dwane E.  
APPLICANT: Wagner, Fred W.  
TITLE OF INVENTION: Mercury Binding Polypeptides and Nucleotides Coding Therefore  
NUMBER OF SEQUENCES: 39  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Merchant & Gould  
STREET: 90 South 7th Street, 3100 No. 5972656west Ctr.  
CITY: Minneapolis  
STATE: MN  
COUNTRY: USA  
ZIP: 55402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: IBM PC compatible  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/888,366  
FILING DATE: 03-JUL-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/187,407  
FILING DATE: 27-JAN-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/990,542  
FILING DATE: 14-DEC-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/493,299  
FILING DATE: 14-MAR-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/324,392  
FILING DATE: 14-MAR-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Carter, Charles G.  
REGISTRATION NUMBER: 35,093  
REFERENCE/DOCKET NUMBER: 8648.39USC1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 612-332-5300  
TELEFAX: 612-332-9081  
INFORMATION FOR SEQ ID NO: 26:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 107 amino acids  
TYPE: amino acid

TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-888-366-26

Query Match 81.1%; Score 43; DB 2; Length 107;  
Best Local Similarity 90.0%; Pred. No. 0.31;  
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASODIGNSL 10  
|||:|:  
Db 24 RASODIGSSL 33

RESULT 13  
US-09-726-219A-267  
; Sequence 267, Application US/09726219A  
; Patent No. 6806079  
; GENERAL INFORMATION:  
; APPLICANT: Cambridge Antibody Technology  
; APPLICANT: Cambridge Antibody Technology Limited  
; APPLICANT: Medical Research Council  
; APPLICANT: McCafferty, John  
; APPLICANT: Pope, Anthony  
; APPLICANT: Johnson, Kevin  
; APPLICANT: Hoogenboom, Hendricus  
; APPLICANT: Griffiths, Andrew  
; APPLICANT: Jackson, Ronald  
; APPLICANT: Holliger, Kasper  
; APPLICANT: Marks, James  
; APPLICANT: Jackson, Timothy  
; APPLICANT: Chiswell, David  
; APPLICANT: Winter, Gregory  
; APPLICANT: Bonert, Timothy  
; TITLE OF INVENTION: Methods for Producing Members of Specific Binding Pairs  
; FILE REFERENCE: 213839-00013  
; CURRENT APPLICATION NUMBER: US/09/726,219A  
; CURRENT FILING DATE: 2000-11-28  
; PRIOR APPLICATION NUMBER: GB 9015198.6  
; PRIOR FILING DATE: 1990-07-10  
; PRIOR APPLICATION NUMBER: GB 9022845.3  
; PRIOR FILING DATE: 1990-10-19  
; PRIOR APPLICATION NUMBER: GB 9022845.3  
; PRIOR FILING DATE: 1990-10-19  
; PRIOR APPLICATION NUMBER: GB 9024503.6  
; PRIOR FILING DATE: 1990-11-12  
; PRIOR APPLICATION NUMBER: GB 9104744.9  
; PRIOR FILING DATE: 1991-03-06  
; PRIOR APPLICATION NUMBER: GB 9110549.4  
; PRIOR FILING DATE: 1991-05-15  
; PRIOR APPLICATION NUMBER: PCT/GB91/01134  
; PRIOR FILING DATE: 1991-07-10  
; PRIOR APPLICATION NUMBER: US 07/971,857  
; PRIOR FILING DATE: 1993-01-08  
; PRIOR APPLICATION NUMBER: US 08/484,893  
; PRIOR FILING DATE: 1995-06-07  
; NUMBER OF SEQ ID NOS: 272  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 267  
; LENGTH: 108  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: light chain from clone M1F  
US-09-726-219A-267

Query Match 81.1%; Score 43; DB 4; Length 108;  
Best Local Similarity 90.0%; Pred. No. 0.31;  
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASODIGNSL 10  
|||:|:  
Db 24 RASODIGSSL 33

RESULT 14  
US-08-713-939A-74  
; Sequence 74, Application US/08713939A  
; Patent No. 5846533  
; GENERAL INFORMATION:  
; APPLICANT: Prusiner, Stanley B.  
; APPLICANT: Williamson, R. Anthony  
; APPLICANT: Burton, Dennis R.  
; TITLE OF INVENTION: ANTIBODIES SPECIFIC FOR NATIVE PrP  
; NUMBER OF SEQUENCES: 86  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson P.C.  
; STREET: 2200 Sand Hill Road  
; CITY: Menlo Park  
; STATE: CA  
; COUNTRY: U.S.A.  
; ZIP: 94025

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS

SOFTWARE: FastSeq Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/713,939A  
FILING DATE: 13-SEP-1996  
CLASSIFICATION: 436  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Bozicevic, Karl  
REGISTRATION NUMBER: 28,807  
REFERENCE/DOCKET NUMBER: 06510/059001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-854-5277  
TELEFAX: 415-854-0875  
TELEX:  
INFORMATION FOR SEQ ID NO: 74:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 109 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-713-939A-74

Query Match 81.1%; Score 43; DB 2; Length 109;  
Best Local Similarity 90.0%; Pred. No. 0.31;  
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASODIGNSL 10  
|||:|:  
Db 24 RASODIGSSL 33

RESULT 15  
US-09-036-579-74  
; Sequence 74, Application US/09036579  
; Patent No. 6290954  
; GENERAL INFORMATION:  
; APPLICANT: Prusiner, Stanley B.  
; APPLICANT: Williamson, R. Anthony  
; APPLICANT: Burton, Dennis R.  
; TITLE OF INVENTION: ANTIBODIES SPECIFIC FOR NATIVE PrP  
; NUMBER OF SEQUENCES: 86  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson P.C.  
; STREET: 2200 Sand Hill Road  
; CITY: Menlo Park  
; STATE: CA  
; COUNTRY: U.S.A.  
; ZIP: 94025

```

;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/036,579
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/713,939
; FILING DATE: 13-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Bozicevic, Karl
; REGISTRATION NUMBER: 28,807
; REFERENCE/DOCKET NUMBER: 06510/059001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-854-5277
; TELEFAX: 415-854-0875
; TELEX:
; INFORMATION FOR SEQ ID NO: 74:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 109 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
;
US-09-036-579-74

```

```

Query Match      81.1%; Score 43; DB 3; Length 109;
Best Local Similarity 90.0%; Pred. No. 0.31;
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      1 RASQDIGNSL 10
        |||||:
        24 RASQDIGSSL 33

```

Search completed: August 22, 2005, 15:02:26  
Job time : 23 secs

11115 ruge blank (uspio)



GenCore version 5.1.6  
Copyright (c) 1993 - 2005 Compugen Ltd.

OM protein - protein search, using sw model

Run on: August 22, 2005, 15:00:04 ; Search time 74.9375 Seconds  
(without alignments)  
57.481 Million cell updates/sec

Title: US-09-887-853-6\_COPY\_157\_167

Perfect score: 53

Sequence: 1 RASQDIGNSLT 11

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 1759131 seqs, 391586102 residues

Total number of hits satisfying chosen parameters: 1759131

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database :

Published Applications AA:\*

- 1: /cgn2\_6/ptodata/1/pubppaa/US07\_PUBCOMB.pep.\*
- 2: /cgn2\_6/ptodata/1/pubppaa/PCT\_NEW\_PUB.pep.\*
- 3: /cgn2\_6/ptodata/1/pubppaa/US06\_NEW\_PUB.pep.\*
- 4: /cgn2\_6/ptodata/1/pubppaa/US06\_PUBCOMB.pep.\*
- 5: /cgn2\_6/ptodata/1/pubppaa/US07\_NEW\_PUB.pep.\*
- 6: /cgn2\_6/ptodata/1/pubppaa/PCTUS\_PUBCOMB.pep.\*
- 7: /cgn2\_6/ptodata/1/pubppaa/US08\_NEW\_PUB.pep.\*
- 8: /cgn2\_6/ptodata/1/pubppaa/US08\_PUBCOMB.pep.\*
- 9: /cgn2\_6/ptodata/1/pubppaa/US09\_PUBCOMB.pep.\*
- 10: /cgn2\_6/ptodata/1/pubppaa/US09B\_PUBCOMB.pep.\*
- 11: /cgn2\_6/ptodata/1/pubppaa/US09C\_PUBCOMB.pep.\*
- 12: /cgn2\_6/ptodata/1/pubppaa/US09\_NEW\_PUB.pep.\*
- 13: /cgn2\_6/ptodata/1/pubppaa/US10A\_PUBCOMB.pep.\*
- 14: /cgn2\_6/ptodata/1/pubppaa/US10B\_PUBCOMB.pep.\*
- 15: /cgn2\_6/ptodata/1/pubppaa/US10C\_PUBCOMB.pep.\*
- 16: /cgn2\_6/ptodata/1/pubppaa/US10D\_PUBCOMB.pep.\*
- 17: /cgn2\_6/ptodata/1/pubppaa/US10E\_PUBCOMB.pep.\*
- 18: /cgn2\_6/ptodata/1/pubppaa/US10\_NEW\_PUB.pep.\*
- 19: /cgn2\_6/ptodata/1/pubppaa/US11A\_PUBCOMB.pep.\*
- 20: /cgn2\_6/ptodata/1/pubppaa/US11\_NEW\_PUB.pep.\*
- 21: /cgn2\_6/ptodata/1/pubppaa/US60\_NEW\_PUB.pep.\*
- 22: /cgn2\_6/ptodata/1/pubppaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	53	100.0	243	9	US-09-887-853-6
2	53	100.0	243	17	US-10-883-547-6
3	53	100.0	267	9	US-09-766-543-10
4	53	100.0	276	9	US-09-766-543-12
5	48	90.6	109	14	US-10-078-7578-55
6	45	84.9	112	14	US-10-355-780-1
7	43	81.1	108	14	US-10-010-729-45
8	43	81.1	108	16	US-10-803-622-267
9	43	81.1	108	16	US-10-803-653-267
10	43	81.1	109	9	US-09-943-906-74
11	43	81.1	109	15	US-10-435-602-74

12	43	81.1	109	20	US-11-027-139-74	Sequence 74, Appl
13 <td>43<td>81.1<td>130<td>8<td>US-08-779-784-35</td><td>Sequence 35, Appl</td></td></td></td></td>	43 <td>81.1<td>130<td>8<td>US-08-779-784-35</td><td>Sequence 35, Appl</td></td></td></td>	81.1 <td>130<td>8<td>US-08-779-784-35</td><td>Sequence 35, Appl</td></td></td>	130 <td>8<td>US-08-779-784-35</td><td>Sequence 35, Appl</td></td>	8 <td>US-08-779-784-35</td> <td>Sequence 35, Appl</td>	US-08-779-784-35	Sequence 35, Appl
14 <td>43<td>81.1<td>130<td>14<td>US-10-010-729-71</td><td>Sequence 71, Appl</td></td></td></td></td>	43 <td>81.1<td>130<td>14<td>US-10-010-729-71</td><td>Sequence 71, Appl</td></td></td></td>	81.1 <td>130<td>14<td>US-10-010-729-71</td><td>Sequence 71, Appl</td></td></td>	130 <td>14<td>US-10-010-729-71</td><td>Sequence 71, Appl</td></td>	14 <td>US-10-010-729-71</td> <td>Sequence 71, Appl</td>	US-10-010-729-71	Sequence 71, Appl
15 <td>43<td>81.1<td>144<td>16<td>US-10-642-120-4</td><td>Sequence 4, Appl1</td></td></td></td></td>	43 <td>81.1<td>144<td>16<td>US-10-642-120-4</td><td>Sequence 4, Appl1</td></td></td></td>	81.1 <td>144<td>16<td>US-10-642-120-4</td><td>Sequence 4, Appl1</td></td></td>	144 <td>16<td>US-10-642-120-4</td><td>Sequence 4, Appl1</td></td>	16 <td>US-10-642-120-4</td> <td>Sequence 4, Appl1</td>	US-10-642-120-4	Sequence 4, Appl1
16 <td>43<td>81.1<td>144<td>16<td>US-10-642-060-4</td><td>Sequence 4, Appl1</td></td></td></td></td>	43 <td>81.1<td>144<td>16<td>US-10-642-060-4</td><td>Sequence 4, Appl1</td></td></td></td>	81.1 <td>144<td>16<td>US-10-642-060-4</td><td>Sequence 4, Appl1</td></td></td>	144 <td>16<td>US-10-642-060-4</td><td>Sequence 4, Appl1</td></td>	16 <td>US-10-642-060-4</td> <td>Sequence 4, Appl1</td>	US-10-642-060-4	Sequence 4, Appl1
17 <td>43<td>81.1<td>144<td>16<td>US-10-642-122-4</td><td>Sequence 4, Appl1</td></td></td></td></td>	43 <td>81.1<td>144<td>16<td>US-10-642-122-4</td><td>Sequence 4, Appl1</td></td></td></td>	81.1 <td>144<td>16<td>US-10-642-122-4</td><td>Sequence 4, Appl1</td></td></td>	144 <td>16<td>US-10-642-122-4</td><td>Sequence 4, Appl1</td></td>	16 <td>US-10-642-122-4</td> <td>Sequence 4, Appl1</td>	US-10-642-122-4	Sequence 4, Appl1
18 <td>43<td>81.1<td>144<td>16<td>US-10-642-124-4</td><td>Sequence 4, Appl1</td></td></td></td></td>	43 <td>81.1<td>144<td>16<td>US-10-642-124-4</td><td>Sequence 4, Appl1</td></td></td></td>	81.1 <td>144<td>16<td>US-10-642-124-4</td><td>Sequence 4, Appl1</td></td></td>	144 <td>16<td>US-10-642-124-4</td><td>Sequence 4, Appl1</td></td>	16 <td>US-10-642-124-4</td> <td>Sequence 4, Appl1</td>	US-10-642-124-4	Sequence 4, Appl1
19 <td>43<td>81.1<td>144<td>16<td>US-10-621-269-4</td><td>Sequence 4, Appl1</td></td></td></td></td>	43 <td>81.1<td>144<td>16<td>US-10-621-269-4</td><td>Sequence 4, Appl1</td></td></td></td>	81.1 <td>144<td>16<td>US-10-621-269-4</td><td>Sequence 4, Appl1</td></td></td>	144 <td>16<td>US-10-621-269-4</td><td>Sequence 4, Appl1</td></td>	16 <td>US-10-621-269-4</td> <td>Sequence 4, Appl1</td>	US-10-621-269-4	Sequence 4, Appl1
20 <td>43<td>81.1<td>144<td>16<td>US-10-620-850-4</td><td>Sequence 4, Appl1</td></td></td></td></td>	43 <td>81.1<td>144<td>16<td>US-10-620-850-4</td><td>Sequence 4, Appl1</td></td></td></td>	81.1 <td>144<td>16<td>US-10-620-850-4</td><td>Sequence 4, Appl1</td></td></td>	144 <td>16<td>US-10-620-850-4</td><td>Sequence 4, Appl1</td></td>	16 <td>US-10-620-850-4</td> <td>Sequence 4, Appl1</td>	US-10-620-850-4	Sequence 4, Appl1
21 <td>43<td>81.1<td>144<td>16<td>US-10-642-118-4</td><td>Sequence 4, Appl1</td></td></td></td></td>	43 <td>81.1<td>144<td>16<td>US-10-642-118-4</td><td>Sequence 4, Appl1</td></td></td></td>	81.1 <td>144<td>16<td>US-10-642-118-4</td><td>Sequence 4, Appl1</td></td></td>	144 <td>16<td>US-10-642-118-4</td><td>Sequence 4, Appl1</td></td>	16 <td>US-10-642-118-4</td> <td>Sequence 4, Appl1</td>	US-10-642-118-4	Sequence 4, Appl1
22 <td>43<td>81.1<td>144<td>16<td>US-10-642-119-4</td><td>Sequence 4, Appl1</td></td></td></td></td>	43 <td>81.1<td>144<td>16<td>US-10-642-119-4</td><td>Sequence 4, Appl1</td></td></td></td>	81.1 <td>144<td>16<td>US-10-642-119-4</td><td>Sequence 4, Appl1</td></td></td>	144 <td>16<td>US-10-642-119-4</td><td>Sequence 4, Appl1</td></td>	16 <td>US-10-642-119-4</td> <td>Sequence 4, Appl1</td>	US-10-642-119-4	Sequence 4, Appl1
23 <td>43<td>81.1<td>144<td>16<td>US-10-642-117-4</td><td>Sequence 4, Appl1</td></td></td></td></td>	43 <td>81.1<td>144<td>16<td>US-10-642-117-4</td><td>Sequence 4, Appl1</td></td></td></td>	81.1 <td>144<td>16<td>US-10-642-117-4</td><td>Sequence 4, Appl1</td></td></td>	144 <td>16<td>US-10-642-117-4</td><td>Sequence 4, Appl1</td></td>	16 <td>US-10-642-117-4</td> <td>Sequence 4, Appl1</td>	US-10-642-117-4	Sequence 4, Appl1
24 <td>43<td>81.1<td>144<td>16<td>US-10-642-099-4</td><td>Sequence 4, Appl1</td></td></td></td></td>	43 <td>81.1<td>144<td>16<td>US-10-642-099-4</td><td>Sequence 4, Appl1</td></td></td></td>	81.1 <td>144<td>16<td>US-10-642-099-4</td><td>Sequence 4, Appl1</td></td></td>	144 <td>16<td>US-10-642-099-4</td><td>Sequence 4, Appl1</td></td>	16 <td>US-10-642-099-4</td> <td>Sequence 4, Appl1</td>	US-10-642-099-4	Sequence 4, Appl1
25 <td>43<td>81.1<td>144<td>16<td>US-10-642-064-4</td><td>Sequence 4, Appl1</td></td></td></td></td>	43 <td>81.1<td>144<td>16<td>US-10-642-064-4</td><td>Sequence 4, Appl1</td></td></td></td>	81.1 <td>144<td>16<td>US-10-642-064-4</td><td>Sequence 4, Appl1</td></td></td>	144 <td>16<td>US-10-642-064-4</td><td>Sequence 4, Appl1</td></td>	16 <td>US-10-642-064-4</td> <td>Sequence 4, Appl1</td>	US-10-642-064-4	Sequence 4, Appl1
26 <td>43<td>81.1<td>144<td>17<td>US-10-642-116-4</td><td>Sequence 4, Appl1</td></td></td></td></td>	43 <td>81.1<td>144<td>17<td>US-10-642-116-4</td><td>Sequence 4, Appl1</td></td></td></td>	81.1 <td>144<td>17<td>US-10-642-116-4</td><td>Sequence 4, Appl1</td></td></td>	144 <td>17<td>US-10-642-116-4</td><td>Sequence 4, Appl1</td></td>	17 <td>US-10-642-116-4</td> <td>Sequence 4, Appl1</td>	US-10-642-116-4	Sequence 4, Appl1
27 <td>43<td>81.1<td>144<td>17<td>US-10-642-100-4</td><td>Sequence 4, Appl1</td></td></td></td></td>	43 <td>81.1<td>144<td>17<td>US-10-642-100-4</td><td>Sequence 4, Appl1</td></td></td></td>	81.1 <td>144<td>17<td>US-10-642-100-4</td><td>Sequence 4, Appl1</td></td></td>	144 <td>17<td>US-10-642-100-4</td><td>Sequence 4, Appl1</td></td>	17 <td>US-10-642-100-4</td> <td>Sequence 4, Appl1</td>	US-10-642-100-4	Sequence 4, Appl1
28 <td>43<td>81.1<td>144<td>17<td>US-10-642-058-4</td><td>Sequence 4, Appl1</td></td></td></td></td>	43 <td>81.1<td>144<td>17<td>US-10-642-058-4</td><td>Sequence 4, Appl1</td></td></td></td>	81.1 <td>144<td>17<td>US-10-642-058-4</td><td>Sequence 4, Appl1</td></td></td>	144 <td>17<td>US-10-642-058-4</td><td>Sequence 4, Appl1</td></td>	17 <td>US-10-642-058-4</td> <td>Sequence 4, Appl1</td>	US-10-642-058-4	Sequence 4, Appl1
29 <td>43<td>81.1<td>144<td>17<td>US-10-642-121-4</td><td>Sequence 4, Appl1</td></td></td></td></td>	43 <td>81.1<td>144<td>17<td>US-10-642-121-4</td><td>Sequence 4, Appl1</td></td></td></td>	81.1 <td>144<td>17<td>US-10-642-121-4</td><td>Sequence 4, Appl1</td></td></td>	144 <td>17<td>US-10-642-121-4</td><td>Sequence 4, Appl1</td></td>	17 <td>US-10-642-121-4</td> <td>Sequence 4, Appl1</td>	US-10-642-121-4	Sequence 4, Appl1
30 <td>43<td>81.1<td>144<td>18<td>US-10-642-065-4</td><td>Sequence 4, Appl1</td></td></td></td></td>	43 <td>81.1<td>144<td>18<td>US-10-642-065-4</td><td>Sequence 4, Appl1</td></td></td></td>	81.1 <td>144<td>18<td>US-10-642-065-4</td><td>Sequence 4, Appl1</td></td></td>	144 <td>18<td>US-10-642-065-4</td><td>Sequence 4, Appl1</td></td>	18 <td>US-10-642-065-4</td> <td>Sequence 4, Appl1</td>	US-10-642-065-4	Sequence 4, Appl1
31 <td>43<td>81.1<td>144<td>18<td>US-10-642-071-4</td><td>Sequence 4, Appl1</td></td></td></td></td>	43 <td>81.1<td>144<td>18<td>US-10-642-071-4</td><td>Sequence 4, Appl1</td></td></td></td>	81.1 <td>144<td>18<td>US-10-642-071-4</td><td>Sequence 4, Appl1</td></td></td>	144 <td>18<td>US-10-642-071-4</td><td>Sequence 4, Appl1</td></td>	18 <td>US-10-642-071-4</td> <td>Sequence 4, Appl1</td>	US-10-642-071-4	Sequence 4, Appl1
32 <td>43<td>81.1<td>144<td>18<td>US-10-642-059-4</td><td>Sequence 4, Appl1</td></td></td></td></td>	43 <td>81.1<td>144<td>18<td>US-10-642-059-4</td><td>Sequence 4, Appl1</td></td></td></td>	81.1 <td>144<td>18<td>US-10-642-059-4</td><td>Sequence 4, Appl1</td></td></td>	144 <td>18<td>US-10-642-059-4</td><td>Sequence 4, Appl1</td></td>	18 <td>US-10-642-059-4</td> <td>Sequence 4, Appl1</td>	US-10-642-059-4	Sequence 4, Appl1
33 <td>43<td>81.1<td>252<td>15<td>US-10-239-656-55</td><td>Sequence 55, Appl</td></td></td></td></td>	43 <td>81.1<td>252<td>15<td>US-10-239-656-55</td><td>Sequence 55, Appl</td></td></td></td>	81.1 <td>252<td>15<td>US-10-239-656-55</td><td>Sequence 55, Appl</td></td></td>	252 <td>15<td>US-10-239-656-55</td><td>Sequence 55, Appl</td></td>	15 <td>US-10-239-656-55</td> <td>Sequence 55, Appl</td>	US-10-239-656-55	Sequence 55, Appl
34 <td>43<td>81.1<td>257<td>15<td>US-10-239-656-67</td><td>Sequence 67, Appl</td></td></td></td></td>	43 <td>81.1<td>257<td>15<td>US-10-239-656-67</td><td>Sequence 67, Appl</td></td></td></td>	81.1 <td>257<td>15<td>US-10-239-656-67</td><td>Sequence 67, Appl</td></td></td>	257 <td>15<td>US-10-239-656-67</td><td>Sequence 67, Appl</td></td>	15 <td>US-10-239-656-67</td> <td>Sequence 67, Appl</td>	US-10-239-656-67	Sequence 67, Appl
35 <td>43<td>81.1<td>499<td>15<td>US-10-239-656-73</td><td>Sequence 73, Appl</td></td></td></td></td>	43 <td>81.1<td>499<td>15<td>US-10-239-656-73</td><td>Sequence 73, Appl</td></td></td></td>	81.1 <td>499<td>15<td>US-10-239-656-73</td><td>Sequence 73, Appl</td></td></td>	499 <td>15<td>US-10-239-656-73</td><td>Sequence 73, Appl</td></td>	15 <td>US-10-239-656-73</td> <td>Sequence 73, Appl</td>	US-10-239-656-73	Sequence 73, Appl
36 <td>42<td>79.2<td>11<td>10<td>US-09-155-106-4</td><td>Sequence 4, Appl1</td></td></td></td></td>	42 <td>79.2<td>11<td>10<td>US-09-155-106-4</td><td>Sequence 4, Appl1</td></td></td></td>	79.2 <td>11<td>10<td>US-09-155-106-4</td><td>Sequence 4, Appl1</td></td></td>	11 <td>10<td>US-09-155-106-4</td><td>Sequence 4, Appl1</td></td>	10 <td>US-09-155-106-4</td> <td>Sequence 4, Appl1</td>	US-09-155-106-4	Sequence 4, Appl1
37 <td>42<td>79.2<td>11<td>17<td>US-10-808-538-22</td><td>Sequence 4, Appl1</td></td></td></td></td>	42 <td>79.2<td>11<td>17<td>US-10-808-538-22</td><td>Sequence 4, Appl1</td></td></td></td>	79.2 <td>11<td>17<td>US-10-808-538-22</td><td>Sequence 4, Appl1</td></td></td>	11 <td>17<td>US-10-808-538-22</td><td>Sequence 4, Appl1</td></td>	17 <td>US-10-808-538-22</td> <td>Sequence 4, Appl1</td>	US-10-808-538-22	Sequence 4, Appl1
38 <td>42<td>79.2<td>108<td>10<td>US-09-155-106-22</td><td>Sequence 22, Appl</td></td></td></td></td>	42 <td>79.2<td>108<td>10<td>US-09-155-106-22</td><td>Sequence 22, Appl</td></td></td></td>	79.2 <td>108<td>10<td>US-09-155-106-22</td><td>Sequence 22, Appl</td></td></td>	108 <td>10<td>US-09-155-106-22</td><td>Sequence 22, Appl</td></td>	10 <td>US-09-155-106-22</td> <td>Sequence 22, Appl</td>	US-09-155-106-22	Sequence 22, Appl
39 <td>42<td>79.2<td>108<td>10<td>US-09-155-106-23</td><td>Sequence 23, Appl</td></td></td></td></td>	42 <td>79.2<td>108<td>10<td>US-09-155-106-23</td><td>Sequence 23, Appl</td></td></td></td>	79.2 <td>108<td>10<td>US-09-155-106-23</td><td>Sequence 23, Appl</td></td></td>	108 <td>10<td>US-09-155-106-23</td><td>Sequence 23, Appl</td></td>	10 <td>US-09-155-106-23</td> <td>Sequence 23, Appl</td>	US-09-155-106-23	Sequence 23, Appl
40 <td>42<td>79.2<td>108<td>10<td>US-09-155-106-24</td><td>Sequence 24, Appl</td></td></td></td></td>	42 <td>79.2<td>108<td>10<td>US-09-155-106-24</td><td>Sequence 24, Appl</td></td></td></td>	79.2 <td>108<td>10<td>US-09-155-106-24</td><td>Sequence 24, Appl</td></td></td>	108 <td>10<td>US-09-155-106-24</td><td>Sequence 24, Appl</td></td>	10 <td>US-09-155-106-24</td> <td>Sequence 24, Appl</td>	US-09-155-106-24	Sequence 24, Appl
41 <td>42<td>79.2<td>108<td>10<td>US-09-155-106-28</td><td>Sequence 28, Appl</td></td></td></td></td>	42 <td>79.2<td>108<td>10<td>US-09-155-106-28</td><td>Sequence 28, Appl</td></td></td></td>	79.2 <td>108<td>10<td>US-09-155-106-28</td><td>Sequence 28, Appl</td></td></td>	108 <td>10<td>US-09-155-106-28</td><td>Sequence 28, Appl</td></td>	10 <td>US-09-155-106-28</td> <td>Sequence 28, Appl</td>	US-09-155-106-28	Sequence 28, Appl
42 <td>42<td>79.2<td>108<td>17<td>US-10-808-538-22</td><td>Sequence 30, Appl</td></td></td></td></td>	42 <td>79.2<td>108<td>17<td>US-10-808-538-22</td><td>Sequence 30, Appl</td></td></td></td>	79.2 <td>108<td>17<td>US-10-808-538-22</td><td>Sequence 30, Appl</td></td></td>	108 <td>17<td>US-10-808-538-22</td><td>Sequence 30, Appl</td></td>	17 <td>US-10-808-538-22</td> <td>Sequence 30, Appl</td>	US-10-808-538-22	Sequence 30, Appl
43 <td>42<td>79.2<td>108<td>17<td>US-10-808-538-23</td><td>Sequence 23, Appl</td></td></td></td></td>	42 <td>79.2<td>108<td>17<td>US-10-808-538-23</td><td>Sequence 23, Appl</td></td></td></td>	79.2 <td>108<td>17<td>US-10-808-538-23</td><td>Sequence 23, Appl</td></td></td>	108 <td>17<td>US-10-808-538-23</td><td>Sequence 23, Appl</td></td>	17 <td>US-10-808-538-23</td> <td>Sequence 23, Appl</td>	US-10-808-538-23	Sequence 23, Appl
44 <td>42<td>79.2<td>108<td>17<td>US-10-808-538-24</td><td>Sequence 24, Appl</td></td></td></td></td>	42 <td>79.2<td>108<td>17<td>US-10-808-538-24</td><td>Sequence 24, Appl</td></td></td></td>	79.2 <td>108<td>17<td>US-10-808-538-24</td><td>Sequence 24, Appl</td></td></td>	108 <td>17<td>US-10-808-538-24</td><td>Sequence 24, Appl</td></td>	17 <td>US-10-808-538-24</td> <td>Sequence 24, Appl</td>	US-10-808-538-24	Sequence 24, Appl
45 <td>42<td>79.2<td>108<td>17<td>US-10-808-538-24</td><td>Sequence 24, Appl</td></td></td></td></td>	42 <td>79.2<td>108<td>17<td>US-10-808-538-24</td><td>Sequence 24, Appl</td></td></td></td>	79.2 <td>108<td>17<td>US-10-808-538-24</td><td>Sequence 24, Appl</td></td></td>	108 <td>17<td>US-10-808-538-24</td><td>Sequence 24, Appl</td></td>	17 <td>US-10-808-538-24</td> <td>Sequence 24, Appl</td>	US-10-808-538-24	Sequence 24, Appl

#### ALIGNMENTS

RESULT 1  
US-09-887-853-6  
Sequence 6, Application US/09887853  
Patent No. US20020168375A1

GENERAL INFORMATION:  
APPLICANT: Huston, James S.  
Oppermann, Hermann  
Houston, L. L.  
Ring, David B.

TITLE OF INVENTION: Biosynthetic Binding Proteins For  
Imaging

NUMBER OF SEQUENCES: 11

CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Testa, Hurwitz & Thibault/Patent Department  
STREET: Exchange Place, 53 State Street  
City: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109

COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/887,853  
FILING DATE: 21-Jun-2001  
CLASSIFICATION: <unknown>

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/133,804  
FILING DATE: <unknown>

ATTORNEY/AGENT INFORMATION:  
NAME: Kelley, Robin D.  
REGISTRATION NUMBER: 34,637

```

; REFERENCE/DOCKET NUMBER: 2054/22
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-248-7477
; TELEFAX: 617-248-7100
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 243 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-887-853-6

Query Match          100.0%; Score 53; DB 9; Length 243;
Best Local Similarity 100.0%; Pred. No. 0.057;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RASQDIGNSLT 11
Db      157 RASQDIGNSLT 167

RESULT 2
US-10-683-547-6
; Sequence 6, Application US/10683547
; Publication No. US20050058638A1
; GENERAL INFORMATION:
; APPLICANT: Houston, J.
; APPLICANT: Houston, L.L.
; APPLICANT: Ring, D.
; TITLE OF INVENTION: BIOSYNTHETIC BINDING PROTEINS FOR IMMUNO-TARGETING
; FILE REFERENCE: CIBT-P01-130
; CURRENT APPLICATION NUMBER: US/10/683,547
; CURRENT FILING DATE: 2003-10-10
; PRIOR APPLICATION NUMBER: US/09/558,741
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 07/831,967
; PRIOR FILING DATE: 1992-02-06
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 243
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 520C9 gFv
US-10-683-547-6

Query Match          100.0%; Score 53; DB 17; Length 243;
Best Local Similarity 100.0%; Pred. No. 0.057;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RASQDIGNSLT 11
Db      157 RASQDIGNSLT 167

RESULT 3
US-09-766-543-10
; Sequence 10, Application US/09766543
; Patent No. US20020041865A1
; GENERAL INFORMATION:
; APPLICANT: Austin, Richard
; APPLICANT: Kwok, Cheuk S.
; APPLICANT: Ring, David B.
; TITLE OF INVENTION: METHODS FOR TREATING TUMORS
; FILE REFERENCE: P01679, 002
; CURRENT APPLICATION NUMBER: US/09/766,543
; CURRENT FILING DATE: 2000-01-19
; PRIOR APPLICATION NUMBER: 60/177,258
; PRIOR FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 14
```

```

; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
; LENGTH: 267
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: 520C9
; OTHER INFORMATION: humanized single-chain antibody used in the
; OTHER INFORMATION: IL-2-antibody fusions
US-09-766-543-10

Query Match          100.0%; Score 53; DB 9; Length 267;
Best Local Similarity 100.0%; Pred. No. 0.063;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RASQDIGNSLT 11
Db      176 RASQDIGNSLT 186

RESULT 4
US-09-766-543-12
; Sequence 12, Application US/09766543
; Patent No. US20020041865A1
; GENERAL INFORMATION:
; APPLICANT: Austin, Richard
; APPLICANT: Kwok, Cheuk S.
; APPLICANT: Ring, David B.
; TITLE OF INVENTION: METHODS FOR TREATING TUMORS
; FILE REFERENCE: P01679, 002
; CURRENT APPLICATION NUMBER: US/09/766,543
; CURRENT FILING DATE: 2000-01-19
; PRIOR APPLICATION NUMBER: 60/177,258
; PRIOR FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 12
; LENGTH: 276
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: H520C9gFv plus
US-09-766-543-12

Query Match          100.0%; Score 53; DB 9; Length 276;
Best Local Similarity 100.0%; Pred. No. 0.065;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RASQDIGNSLT 11
Db      176 RASQDIGNSLT 186

RESULT 5
US-10-078-757B-55
; Sequence 55, Application US/10078757B
; Publication No. US20030166871A1
; GENERAL INFORMATION:
; APPLICANT: BARBAS, Carlos F., III
; APPLICANT: RADER, Christoph
; TITLE OF INVENTION: HUMANIZATION OF MURINE ANTIBODY
; FILE REFERENCE: TSRI 598.0 Cont1
; CURRENT APPLICATION NUMBER: US/10/078,757B
; CURRENT FILING DATE: 2002-02-19
; PRIOR APPLICATION NUMBER: US 08/986,016
; PRIOR FILING DATE: 1997-12-05
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 55
; LENGTH: 109
; TYPE: PRT
; ORGANISM: Artificial Sequence
```

FEATURE:  
OTHER INFORMATION: hybrid mouse - human sequence  
US-10-078-757B-55

Query Match 90.6%; Score 48; DB 14; Length 109;  
Best Local Similarity 100.0%; Pred. No. 0.22;  
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASODIGNSL 10  
DB 24 RASODIGNSL 33

RESULT 6  
US-10-355-780-1  
Sequence 1, Application US/10355780  
Publication No. US20030143224A1  
GENERAL INFORMATION:  
APPLICANT: Prusiner, Stanley  
APPLICANT: Safar, Jiri  
APPLICANT: Williamson, Anthony  
APPLICANT: Burton, Dennis  
TITLE OF INVENTION: Antibodies Specific for Ungulate PrP  
FILE REFERENCE: UCAL-194  
CURRENT APPLICATION NUMBER: US/10/355,780  
CURRENT FILING DATE: 2003-01-30  
PRIOR APPLICATION NUMBER: US/09/627,218B  
PRIOR FILING DATE: 2000-07-27  
NUMBER OF SEQ ID NOS: 11  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 1  
LENGTH: 112  
TYPE: PrT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: synthesized peptide  
US-10-355-780-1

Query Match 84.9%; Score 45; DB 14; Length 112;  
Best Local Similarity 90.0%; Pred. No. 0.88;  
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASODIGNSL 10  
DB 24 RASODIGNSL 33

RESULT 7  
US-10-010-729-45  
Sequence 45, Application US/10010729  
Publication No. US20030185827A1  
GENERAL INFORMATION:  
APPLICANT: Rodriguez, Moses  
APPLICANT: Miller, David J.  
APPLICANT: Pease, Larry R.  
TITLE OF INVENTION: Human IgM Antibodies and Diagnostic and  
TITLE OF INVENTION: Therapeutic Uses Thereof Particularly in the Central Nervous  
FILE REFERENCE: 1199-1-005CIP2  
CURRENT APPLICATION NUMBER: US/10/010,729  
CURRENT FILING DATE: 2001-11-13  
PRIOR APPLICATION NUMBER: 09/730,473  
PRIOR FILING DATE: 2000-12-05  
PRIOR APPLICATION NUMBER: 09/580,787  
PRIOR FILING DATE: 2000-05-30  
PRIOR APPLICATION NUMBER: 09/322,862  
PRIOR FILING DATE: 1999-05-28  
PRIOR APPLICATION NUMBER: 08/779,784  
PRIOR FILING DATE: 1997-01-07  
PRIOR APPLICATION NUMBER: 08/692,084  
PRIOR FILING DATE: 1996-08-08  
PRIOR APPLICATION NUMBER: 08/236,520  
PRIOR FILING DATE: 1994-04-29

NUMBER OF SEQ ID NOS: 80  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 45  
LENGTH: 108  
TYPE: PrT  
ORGANISM: Mus musculus  
US-10-010-729-45

Query Match 81.1%; Score 43; DB 14; Length 108;  
Best Local Similarity 90.0%; Pred. No. 2.1;  
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASODIGNSL 10  
DB 24 RASODIGNSL 33

RESULT 8  
US-10-803-622-267  
Sequence 267, Application US/10803622  
Publication No. US20040157214A1  
GENERAL INFORMATION:  
APPLICANT: Cambridge Antibody Technology  
APPLICANT: Cambridge Antibody Technology Limited  
APPLICANT: Medical Research Council  
APPLICANT: McCafferty, John  
APPLICANT: Pope, Anthony  
APPLICANT: Johnson, Kevin  
APPLICANT: Hoogenboom, Hendricus  
APPLICANT: Griffiths, Andrew  
APPLICANT: Jackson, Ronald  
APPLICANT: Holliger, Kasper  
APPLICANT: Marks, James  
APPLICANT: Clackson, Timothy  
APPLICANT: Chiswell, David  
APPLICANT: Winter, Gregory  
APPLICANT: Bonert, Timothy  
TITLE OF INVENTION: Methods for Producing Members of Specific Binding Pairs  
FILE REFERENCE: 13839-00013  
CURRENT APPLICATION NUMBER: US/10/803,622  
CURRENT FILING DATE: 2004-03-18  
PRIOR APPLICATION NUMBER: GB 9015198.6  
PRIOR FILING DATE: 1990-07-10  
PRIOR APPLICATION NUMBER: GB 9022845.3  
PRIOR FILING DATE: 1990-10-19  
PRIOR APPLICATION NUMBER: GB 9022845.3  
PRIOR FILING DATE: 1990-10-19  
PRIOR APPLICATION NUMBER: GB 9024503.6  
PRIOR FILING DATE: 1990-11-12  
PRIOR APPLICATION NUMBER: GB 9104744.9  
PRIOR FILING DATE: 1991-03-06  
PRIOR APPLICATION NUMBER: GB 9110549.4  
PRIOR FILING DATE: 1991-05-15  
PRIOR APPLICATION NUMBER: PCT/GB91/01134  
PRIOR FILING DATE: 1991-07-10  
PRIOR APPLICATION NUMBER: US 07/971,857  
PRIOR FILING DATE: 1993-01-08  
PRIOR APPLICATION NUMBER: US 08/484,893  
PRIOR FILING DATE: 1995-06-07  
NUMBER OF SEQ ID NOS: 272  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 267  
LENGTH: 108  
TYPE: PrT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: light chain from clone M1F  
US-10-803-622-267

Query Match 81.1%; Score 43; DB 16; Length 108;  
Best Local Similarity 90.0%; Pred. No. 2.1;  
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASODIGNSL 10  
|||  
Db 24 RASODIGSSL 33

RESULT 9  
US-10-803-653-267  
; Sequence 267, Application US/10803653  
; Publication No. US20040157215A1  
; GENERAL INFORMATION:  
; APPLICANT: Cambridge Antibody Technology  
; APPLICANT: Cambridge Antibody Technology Limited  
; APPLICANT: Medical Research Council  
; APPLICANT: McCafferty, John  
; APPLICANT: Pope, Anthony  
; APPLICANT: Johnson, Kevin  
; APPLICANT: Hoogenboom, Hendricus  
; APPLICANT: Griffiths, Andrew  
; APPLICANT: Jackson, Ronald  
; APPLICANT: Holliger, Kasper  
; APPLICANT: Marks, James  
; APPLICANT: Clackson, Timothy  
; APPLICANT: Chiswell, David  
; APPLICANT: Winter, Gregory  
; APPLICANT: Bonetti, Timothy  
; TITLE OF INVENTION: Methods for Producing Members of Specific Binding Pairs  
; FILE REFERENCE: 13839-00013  
; CURRENT APPLICATION NUMBER: US/10/803,653  
; CURRENT FILING DATE: 2004-03-18  
; PRIOR APPLICATION NUMBER: GB 9015198.6  
; PRIOR FILING DATE: 1990-07-10  
; PRIOR APPLICATION NUMBER: GB 9022845.3  
; PRIOR FILING DATE: 1990-10-19  
; PRIOR APPLICATION NUMBER: GB 9022845.3  
; PRIOR FILING DATE: 1990-10-19  
; PRIOR APPLICATION NUMBER: GB 9024503.6  
; PRIOR FILING DATE: 1990-11-12  
; PRIOR APPLICATION NUMBER: GB 9104744.9  
; PRIOR FILING DATE: 1991-03-06  
; PRIOR APPLICATION NUMBER: GB 9110549.4  
; PRIOR FILING DATE: 1991-05-15  
; PRIOR APPLICATION NUMBER: PCT/GB91/01134  
; PRIOR FILING DATE: 1991-07-10  
; PRIOR APPLICATION NUMBER: US 07/971,857  
; PRIOR FILING DATE: 1993-01-08  
; PRIOR APPLICATION NUMBER: US 08/484,893  
; PRIOR FILING DATE: 1995-06-07  
; NUMBER OF SEQ ID NOS: 272  
; SOFTWARE: PatentIn Version 3.1  
; SEQ ID NO 267  
; LENGTH: 108  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; OTHER INFORMATION: light chain from clone M1F  
US-10-803-653-267

Query Match 81.1%; Score 43; DB 16; Length 108;  
Best Local Similarity 90.0%; Pred. No. 2.1;  
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASODIGNSL 10  
|||  
Db 24 RASODIGSSL 33

RESULT 10  
US-09-943-906-74  
; Sequence 74, Application US/09943906  
; Patent No. US20020150571A1  
; GENERAL INFORMATION:  
; APPLICANT: Prusiner, Stanley B.  
; APPLICANT: Williamson, R. Anthony

Burton, Dennis R.  
; TITLE OF INVENTION: ANTIBODIES SPECIFIC FOR NATIVE PrP  
; NUMBER OF SEQUENCES: 86  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson P.C.  
; STREET: 2200 Sand Hill Road  
; CITY: Menlo Park  
; STATE: CA  
; COUNTRY: U.S.A.  
; ZIP: 94025  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/943,906  
; FILING DATE: 30-Aug-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/550,374  
; FILING DATE: <Unknown>  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Bozicevic, Karl  
; REGISTRATION NUMBER: 28,807  
; REFERENCE/DOCKET NUMBER: 06510/059001  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 415-854-5277  
; TELEFAX: 415-854-0875  
; TELEX: <Unknown>  
; INFORMATION FOR SEQ ID NO: 74:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 109 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide  
; SEQUENCE DESCRIPTION: SEQ ID NO: 74:  
US-09-943-906-74

Query Match 81.1%; Score 43; DB 9; Length 109;  
Best Local Similarity 90.0%; Pred. No. 2.1;  
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASODIGNSL 10  
|||  
Db 24 RASODIGSSL 33

RESULT 11  
US-10-435-602-74  
; Sequence 74, Application US/10435602  
; Publication No. US20030228303A1  
; GENERAL INFORMATION:  
; APPLICANT: Prusiner, Stanley B.  
; APPLICANT: Williamson, R. Anthony  
; APPLICANT: Burton, Dennis R.  
; TITLE OF INVENTION: Antibodies Specific for Native PrPsc  
; FILE REFERENCE: UCAL059CON3  
; CURRENT APPLICATION NUMBER: US/10/435,602  
; CURRENT FILING DATE: 2003-05-09  
; PRIOR APPLICATION NUMBER: 09/943,906  
; PRIOR FILING DATE: 2001-08-30  
; PRIOR APPLICATION NUMBER: 09/550,374  
; PRIOR FILING DATE: 2000-04-13  
; PRIOR APPLICATION NUMBER: 09/036,579  
; PRIOR FILING DATE: 1998-03-06  
; PRIOR APPLICATION NUMBER: 08/713,939  
; PRIOR FILING DATE: 1996-09-13  
; PRIOR APPLICATION NUMBER: 08/528,104  
; PRIOR FILING DATE: 1995-09-14  
; NUMBER OF SEQ ID NOS: 86  
; SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 74  
LENGTH: 109  
TYPE: PRT  
ORGANISM: mouse  
US-10-435-602-74

Query Match 81.1%; Score 43; DB 15; Length 109;  
Best Local Similarity 90.0%; Pred. No. 2.1;  
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASODIGNSL 10  
Db 24 RASODIGSSL 33

RESULT 12  
US-11-027-139-74  
Sequence 74, Application US/11027139  
Publication No. US20050158803A1  
GENERAL INFORMATION:

APPLICANT: Prusiner, Stanley B.  
APPLICANT: Williamson, R. Anthony  
APPLICANT: Burton, Dennis R.  
TITLE OF INVENTION: Antibodies Specific for Native PrPsc  
FILE REFERENCE: UCAL059CON3  
CURRENT APPLICATION NUMBER: US/11/027,139

PRIOR FILING DATE: 2004-12-29  
PRIOR APPLICATION NUMBER: US/10/435,602  
PRIOR FILING DATE: 2003-05-09  
PRIOR APPLICATION NUMBER: 09/943,906  
PRIOR FILING DATE: 2001-08-30  
PRIOR APPLICATION NUMBER: 09/550,374  
PRIOR FILING DATE: 2000-04-13  
PRIOR APPLICATION NUMBER: 09/036,579  
PRIOR FILING DATE: 1998-03-06  
PRIOR APPLICATION NUMBER: 08/713,939  
PRIOR FILING DATE: 1996-09-13  
PRIOR APPLICATION NUMBER: 08/528,104  
PRIOR FILING DATE: 1995-09-14  
NUMBER OF SEQ ID NOS: 86  
SOFTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 74  
LENGTH: 109  
TYPE: PRT  
ORGANISM: mouse  
US-11-027-139-74

Query Match 81.1%; Score 43; DB 20; Length 109;  
Best Local Similarity 90.0%; Pred. No. 2.1;  
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASODIGNSL 10  
Db 24 RASODIGSSL 33

RESULT 13  
US-08-779-784-35  
Sequence 35, Application US/08779784  
Publication No. US20020164325A1  
GENERAL INFORMATION:

APPLICANT: Rodriguez, Moses  
APPLICANT: Miller, David J.  
APPLICANT: Asakura, Kunihiko  
TITLE OF INVENTION: PROMOTION OF CENTRAL NERVOUS SYSTEM  
TITLE OF INVENTION: REMYELINATION USING MONOCLONAL AUTOANTIBODIES  
NUMBER OF SEQUENCES: 37

CORRESPONDENCE ADDRESSES:  
ADDRESSEE: David A. Jackson, Esq.  
STREET: 411 Hackensack Ave, Continental Plaza, 4th  
STREET: Floor  
CITY: Hackensack  
STATE: New Jersey

COUNTRY: USA  
ZIP: 07601

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/779,784  
FILING DATE: 07-JAN-1997

CLASSIFICATION: 424

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/692,084  
FILING DATE: 08-AUG-1996

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/236,520

FILING DATE: 29-APR-1994

ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.

REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 1199-1-001 CIPA

TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201-487-5800

TELEFAX: 201-343-1684  
INFORMATION FOR SEQ ID NO: 35:

SEQUENCE CHARACTERISTICS:  
LENGTH: 130 amino acids  
TYPE: amino acid

STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: protein  
HYPOTHETICAL: NO

FRAGMENT TYPE: N-terminal  
ORIGINAL SOURCE:

ORGANISM: Mus musculus  
US-08-779-784-35

Query Match 81.1%; Score 43; DB 8; Length 130;  
Best Local Similarity 90.0%; Pred. No. 2.5;  
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASODIGNSL 10  
Db 46 RASODIGSSL 55

RESULT 14  
US-10-010-729-71

Sequence 71, Application US/10010729  
Publication No. US20030185827A1  
GENERAL INFORMATION:

APPLICANT: Rodriguez, Moses  
APPLICANT: Miller, David J.

APPLICANT: Pease, Larry R.  
TITLE OF INVENTION: Human IGM Antibodies and Diagnostic and  
TITLE OF INVENTION: Therapeutic Uses Thereof Particularly in the Central Nervous

SYSTEM  
TITLE OF INVENTION: System

FILE REFERENCE: 1199-1-005CIP2  
CURRENT APPLICATION NUMBER: US/10/010,729  
CURRENT FILING DATE: 2001-11-13

PRIOR APPLICATION NUMBER: 09/730,473  
PRIOR FILING DATE: 2000-12-05

PRIOR APPLICATION NUMBER: 09/580,787  
PRIOR FILING DATE: 2000-05-30

PRIOR APPLICATION NUMBER: 09/322,862  
PRIOR FILING DATE: 1999-05-28

PRIOR APPLICATION NUMBER: 08/779,784  
PRIOR FILING DATE: 1997-01-07

PRIOR APPLICATION NUMBER: 08/692,084  
PRIOR FILING DATE: 1996-08-08

PRIOR APPLICATION NUMBER: 08/236,520  
PRIOR FILING DATE: 1994-04-29

NUMBER OF SEQ ID NOS: 80

```
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 71
; LENGTH: 130
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-010-729-71
```

```
Query Match      81.1%; Score 43; DB 14; Length 130;
Best Local Similarity 90.0%; Pred. No. 2.5;
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1 RASODIGNSL 10
        |||||:|
Db      46 RASODIGSSL 55
```

```
RESULT 15
US-10-642-120-4
; Sequence 4, Application US/10642120
; Publication No. US20040131610A1
; GENERAL INFORMATION:
; APPLICANT: Thorpe, Philip E.
; APPLICANT: Soares, M. Melina
; APPLICANT: Ran, Sophia
; TITLE OF INVENTION: Methods for Treating Viral Infections Using Antibodies to
; FILE OF INVENTION: Aminophospholipids
; FILE REFERENCE: 4001.002900
; CURRENT APPLICATION NUMBER: US/10/642,120
; PRIOR FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 10/621,269
; PRIOR FILING DATE: 2003-07-15
; PRIOR APPLICATION NUMBER: 60/396,263
; PRIOR FILING DATE: 2002-07-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-642-120-4
```

```
Query Match      81.1%; Score 43; DB 16; Length 144;
Best Local Similarity 90.0%; Pred. No. 2.8;
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1 RASODIGNSL 10
        |||||:|
Db      46 RASODIGSSL 55
```

Search completed: August 22, 2005, 15:38:26  
Job time : 74.9375 secs